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Missouri Vital Statistics 1989

Missouri
Department of Health

State Center
for Health
Statistics

MISSOURI
VITAL STATISTICS
1989

MISSOURI DEPARTMENT OF HEALTH

DIVISION OF HEALTH RESOURCES
STATE CENTER FOR HEALTH STATISTICS

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BUREAU OF HEALTH DATA ANALYSIS
Wayne F. Schramm, Chief

****

September 1990

PREFACE

This report presents the final tabulation of statistical data relating to vital events in Missouri during 1989. Data for the year of the report was accepted through April 13, 1990, allowing information reflecting events in 1989 to be as complete as possible.

Missouri Vital Statistics 1989 is published for use in public health and related fields as an aid for studying births, deaths, fetal deaths, marriages, dissolutions, and abortions. Provisional vital statistics data are available through the publication, *Missouri Monthly Vital Statistics*. Unpublished detailed annual vital statistics data are available upon request.

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REGIONAL PLANNING COMMISSION AREAS

Major Metropolitan Regional Planning Commission Areas

Minor Metropolitan Regional Planning Commission Areas

Non-Metropolitan Regional Planning Commission Areas

Graph A

Live Birth and Death Rates per 1,000 Population

Missouri 1911-1989

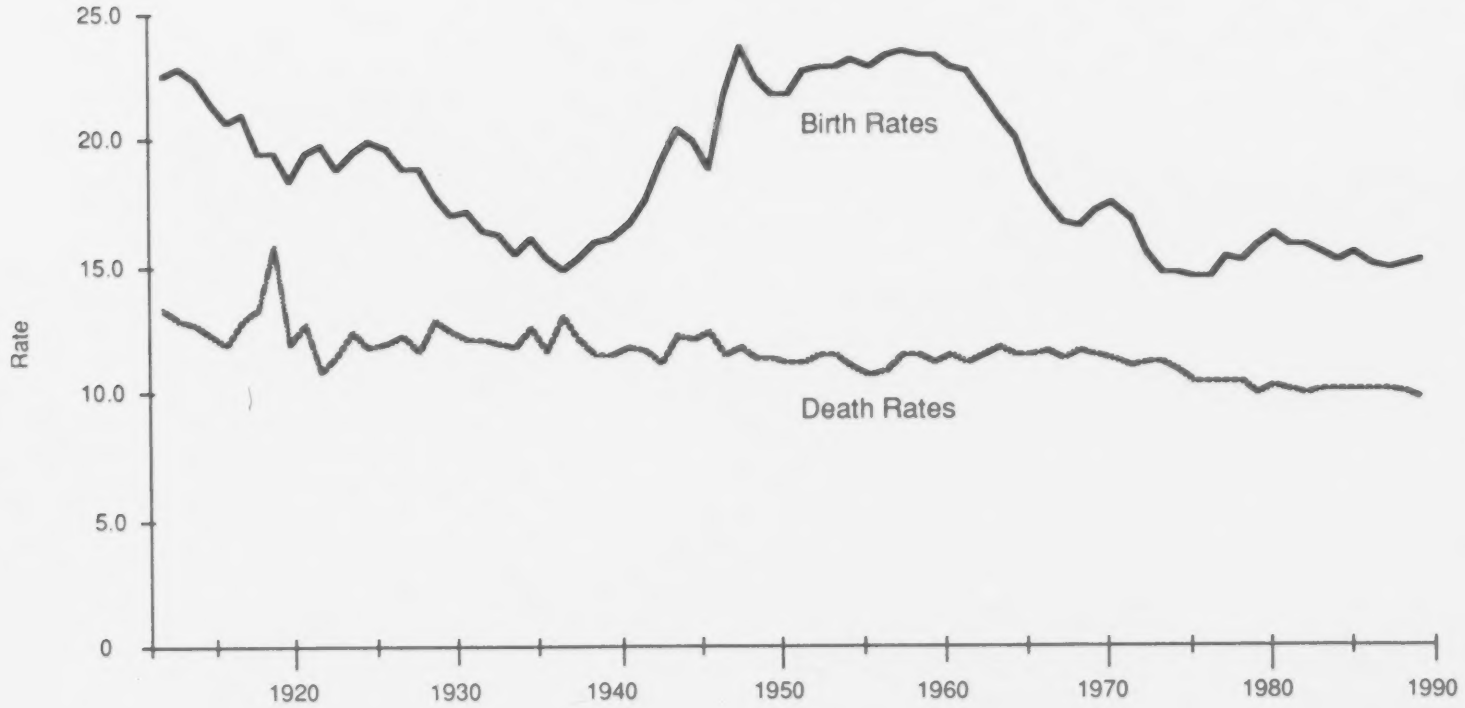


TABLE 1

POPULATION, RECORDED BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION AND NATURAL INCREASE: MISSOURI 1911-1944

Year	Estimated Mid-Year Population (Thousands)	Births		Deaths		Natural Increase	Year	Estimated Mid-Year Population (Thousands)	Births		Deaths		Natural Increase
		Number	Rate	Number	Rate				Number	Rate	Number	Rate	
1911	3,317	74,130	22.3	43,479	13.1	30,651	1928	3,601	63,401	17.6	45,219	12.6	18,182
1912	3,344	75,452	22.6	42,139	12.6	33,313	1929	3,622	60,980	16.8	44,262	12.2	16,718
1913	3,409	75,231	22.1	42,130	12.4	33,101	1930	3,646	62,011	17.0	42,924	11.8	19,087
1914	3,467	73,925	21.3	41,743	12.0	32,182	1931	3,711	60,201	16.2	43,999	11.9	16,202
1915	3,492	71,543	20.5	40,863	11.7	30,680	1932	3,746	59,755	16.0	43,695	11.7	16,060
1916	3,527	73,486	20.8	44,705	12.7	28,781	1933	3,773	57,717	15.3	43,368	11.5	14,349
1917	3,470	67,041	19.3	45,564	13.1	21,477	1934	3,784	60,317	15.9	46,685	12.3	13,632
1918	3,325	64,001	19.2	51,925	15.6	12,076	1935	3,798	57,299	15.1	43,201	11.4	14,098
1919	3,371	61,193	18.2	39,282	11.7	21,911	1936	3,801	55,916	14.7	48,767	12.8	7,149
1920	3,404	65,416	19.2	42,572	12.5	22,844	1937	3,794	57,270	15.1	45,160	11.9	12,110
1921	3,429	66,970	19.5	36,210	10.6	30,760	1938	3,781	59,365	15.7	42,578	11.3	16,787
1922	3,427	64,388	18.7	38,417	11.2	25,971	1939	3,783	59,688	15.8	42,693	11.3	16,995
1923	3,454	66,691	19.3	41,853	12.1	24,838	1940	3,786	62,545	16.5	43,950	11.6	18,595
1924	3,508	68,961	19.7	40,463	11.5	28,498	1941	3,811	66,268	17.4	43,295	11.4	22,973
1925	3,526	68,293	19.4	41,332	11.7	26,961	1942	3,829	72,575	19.0	42,117	11.0	30,458
1926	3,556	66,611	18.7	42,684	12.0	23,927	1943	3,705	74,820	20.2	44,437	12.0	30,383
1927	3,576	66,401	18.6	40,853	11.4	25,548	1944	3,560	69,982	19.7	42,347	11.9	27,635

Sources: 1911-1934 and 1937-1944 Vital Statistics Reports of the Missouri State Board of Health. 1935-1936, Special Reports of the United States Bureau of the Census. Population estimates 1911 to 1944 taken from United States Bureau of the Census Release, Series P-25, No. 139, June 27,1956.

TABLE 2

POPULATION, RECORDED AND RESIDENT BIRTHS AND DEATHS WITH RATES PER 1,000 AND NATURAL INCREASE: MISSOURI 1945-1989

Year	Estimated Mid-Year Population (Thousands)	Recorded				Resident				Natural Increase
		Births		Deaths		Births		Deaths		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1945	3,516	67,693	19.3	42,757	12.2	65,691	18.7	42,496	12.1	23,195
1946	3,746	82,901	22.1	42,640	11.4	80,698	21.5	42,377	11.3	38,321
1947	3,845	92,369	24.0	44,762	11.6	89,902	23.4	44,474	11.6	45,428
1948	3,844	87,005	22.6	42,921	11.2	85,096	22.1	42,753	11.1	42,342
1949	3,955	87,372	22.1	43,995	11.1	85,206	21.5	43,708	11.1	41,498

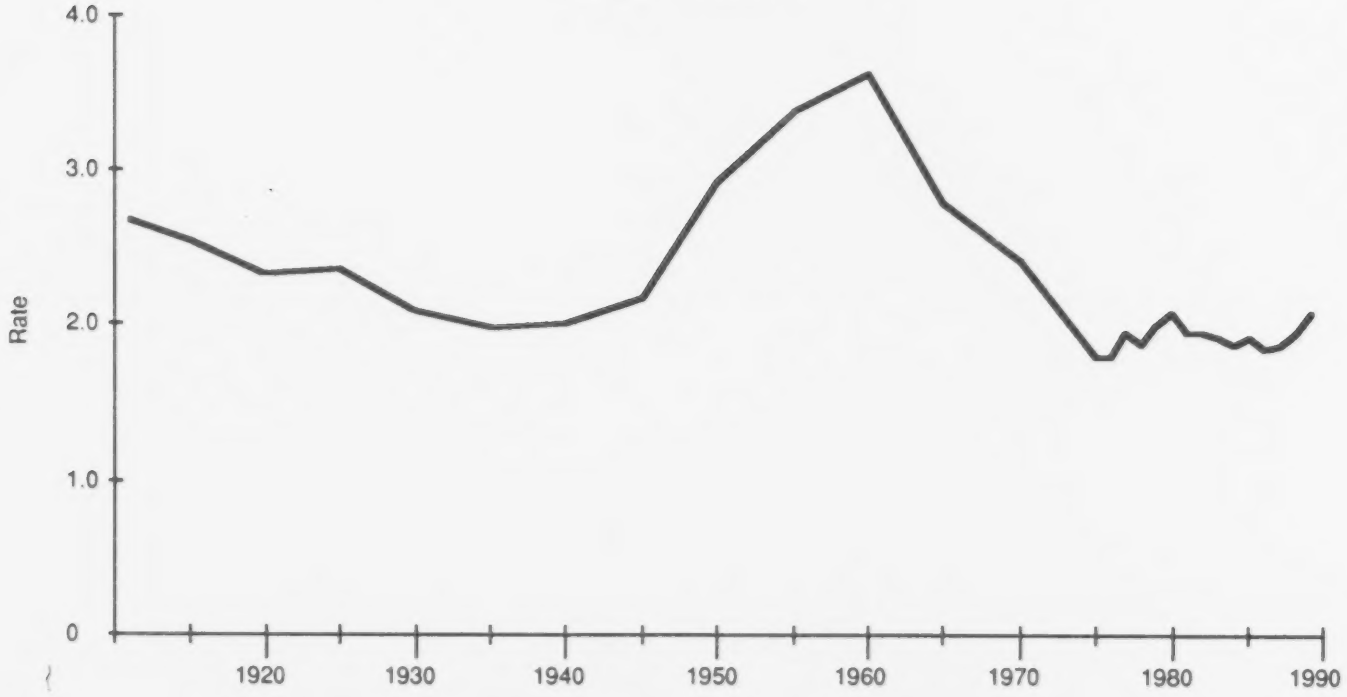
Table 2 (continued)

Year	Estimated Mid-Year Population (Thousands)	Recorded Births Number	Recorded Births Rate	Recorded Deaths Number	Recorded Deaths Rate	Resident Births Number	Resident Births Rate	Resident Deaths Number	Resident Deaths Rate	Natural Increase
1950	3,964	87,948	22.2	43,962	11.1	85,704	21.6	43,714	11.0	41,990
1951	4,015	92,664	23.1	44,318	11.0	89,977	22.4	44,051	10.9	45,926
1952	3,972	92,931	23.4	45,245	11.4	90,118	22.7	45,051	11.3	45,067
1953	4,020	94,419	23.5	45,686	11.4	91,447	22.7	45,148	11.2	46,299
1954	4,066	97,278	23.9	44,404	10.9	93,453	23.0	43,835	10.8	49,618
1955	4,134	97,591	23.6	43,531	10.5	93,797	22.7	43,000	10.4	50,797
1956	4,163	100,163	24.1	45,003	10.8	96,099	23.1	44,458	10.7	51,641
1957	4,189	101,287	24.2	47,784	11.4	97,161	23.2	47,333	11.3	49,828
1958	4,186	100,729	24.1	47,338	11.3	96,721	23.1	46,729	11.2	49,992
1959	4,258	102,461	24.1	47,099	11.1	98,537	23.1	46,465	10.9	52,072
1960	4,326	101,778	23.5	48,955	11.3	97,723	22.6	48,287	11.2	49,436
1961	4,349	101,462	23.3	47,933	11.0	97,321	22.4	47,303	10.9	50,018
1962	4,357	97,658	22.4	49,685	11.4	93,879	21.5	49,016	11.2	44,863
1963	4,392	93,545	21.3	51,159	11.6	90,363	20.6	50,538	11.5	39,825
1964	4,442	90,918	20.5	50,271	11.3	88,335	19.9	49,617	11.2	38,718
1965	4,467	84,162	18.8	51,101	11.4	81,216	18.2	50,249	11.2	30,967
1966	4,523	80,750	17.9	52,476	11.6	77,946	17.2	51,581	11.4	26,365
1967	4,539	77,940	17.2	51,245	11.3	74,823	16.5	50,544	11.1	24,279
1968	4,568	77,028	16.9	52,834	11.6	74,304	16.3	52,019	11.4	22,285
1969	4,640	81,313	17.5	53,172	11.5	78,396	16.9	52,314	11.3	26,082
1970	4,680	83,787	17.9	52,592	11.2	80,707	17.2	51,743	11.1	28,964
1971	4,723	81,409	17.2	51,810	11.0	78,375	16.6	50,811	10.8	27,564
1972	4,753	75,127	15.8	53,249	11.2	72,597	15.3	52,287	11.0	20,310
1973	4,775	70,808	14.8	53,003	11.1	68,605	14.4	51,812	10.9	16,793
1974	4,785	71,875	15.0	51,656	10.8	69,412	14.5	50,504	10.6	18,908
1975	4,795	70,786	14.8	49,986	10.4	68,442	14.3	48,984	10.2	19,458
1976	4,824	71,319	14.8	50,074	10.4	68,781	14.3	49,008	10.2	19,773
1977	4,845	75,689	15.6	49,839	10.3	72,957	15.1	48,761	10.1	24,196
1978	4,871	75,283	15.5	50,439	10.4	72,654	14.9	49,207	10.1	23,447
1979	4,889	78,562	16.1	48,946	10.0	76,056	15.6	47,656	9.7	28,400
1980	4,917	80,770	16.4	50,504	10.3	78,588	16.0	49,334	10.0	29,254
1981	4,939	78,538	15.9	49,780	10.1	76,758	15.5	48,645	9.8	28,113
1982	4,943	78,334	15.8	49,145	9.9	76,648	15.5	48,126	9.7	28,522
1983	4,965	77,061	15.5	50,540	10.2	75,505	15.2	49,381	9.9	26,124
1984	5,005	76,293	15.2	50,232	10.0	74,422	14.9	48,890	9.8	25,532
1985	5,035	78,760	15.6	51,635	10.3	76,697	15.2	50,098	9.9	26,599
1986	5,064	77,105	15.2	51,350	10.1	75,116	14.8	49,971	9.9	25,145
1987	5,107	76,909	15.1	52,016	10.2	74,830	14.7	50,362	9.9	24,468
1988	5,141	78,331	15.2	52,265	10.2	76,101	14.8	50,619	9.8	25,482
1989	5,159	79,866	15.5	51,679	10.0	77,755	15.1	50,169	9.7	27,586

Graph B

Total Fertility Rates

Missouri 1911-1989



	Total Fertility Rate		*Total Fertility Rate*		*Total Fertility Rate*		*Total Fertility Rate*
1911	2.71	1945	2.16	1976	1.75	1983	1.82
1915	2.55	1950	2.92	1977	1.83	1984	1.79
1920	2.33	1955	3.39	1978	1.80	1985	1.82
1925	2.37	1960	3.63	1979	1.86	1986	1.78
1930	2.09	1965	2.79	1980	1.90	1987	1.79
1935	1.99	1970	2.40	1981	1.83	1988	1.84
1940	2.02	1975	1.76	1982	1.84	1989	1.91

TABLE 3

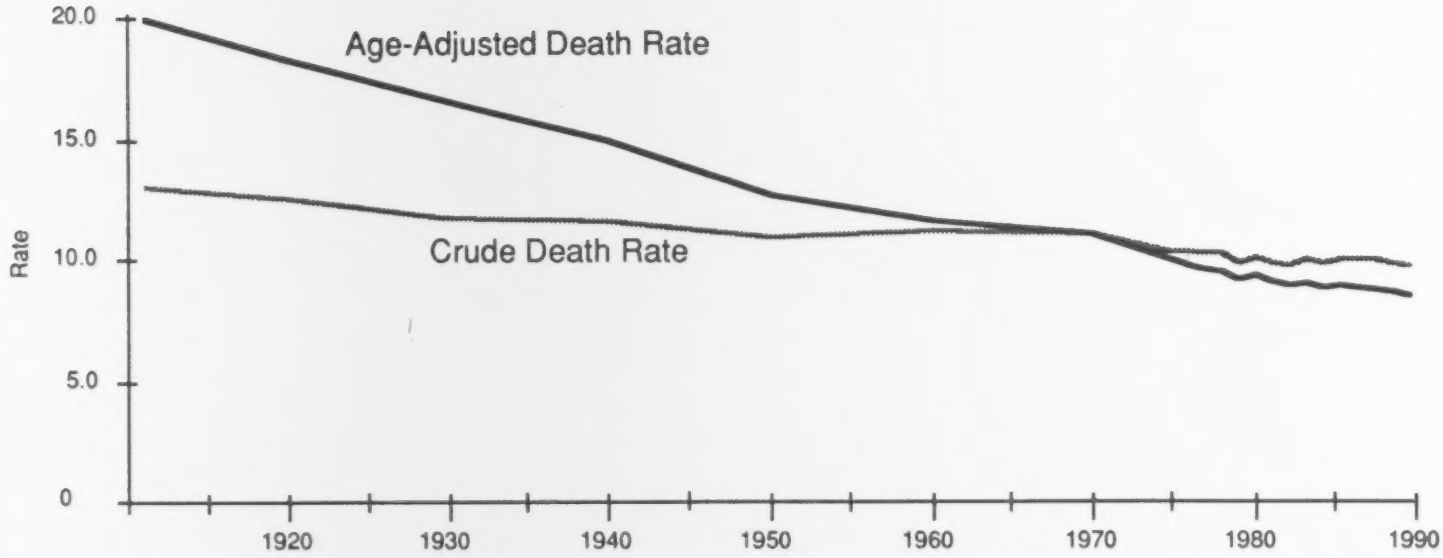
FERTILITY RATES PER 1,000 FEMALES BY AGE OF MOTHER: MISSOURI 1911-1989

	General Fertility Rate	Under 15	Age of Mother: 15-19 Total	15-19: 15-17	15-19: 18-19	20-24	25-29	30-34	35-39	40-44	45-49
1911	93.3	0.4	48.8	NA	NA	134.2	133.5	109.6	77.7	33.5	3.8
1915	88.8	0.3	50.4			136.4	126.2	97.5	67.7	27.7	3.2
1920	80.6	0.4	49.6			129.3	113.3	85.0	59.6	25.0	3.0
1925	81.1	0.4	56.7			129.5	120.2	83.8	57.7	22.5	2.4
1930	71.1	0.5	54.1	NA	NA	115.5	103.6	79.8	46.7	18.3	2.0
1935	68.0	0.5	52.5			116.0	96.9	69.3	43.6	16.8	1.6
1940	69.1	0.4	54.5			123.6	104.8	69.8	37.1	13.2	1.4
1945	73.2	0.5	50.2			121.7	114.2	81.4	47.5	14.9	1.2
1950	98.6	0.9	82.6	NA	NA	189.5	153.4	95.2	48.1	14.0	1.0
1955	112.3	0.8	95.3			229.0	174.2	106.9	55.7	15.2	1.0
1960	118.1	0.9	99.0			254.4	187.5	110.5	56.5	16.5	1.0
1965	93.0	0.9	75.1			188.7	146.5	87.1	45.0	13.5	0.8
1970	85.6	1.1	71.8	NA	NA	163.3	137.2	67.7	30.1	8.8	0.5
1971	81.1	1.3	71.3			154.2	122.7	63.6	28.7	7.5	0.3
1972	73.6	1.4	69.5	45.4	108.5	129.6	114.3	57.4	24.8	6.8	0.4
1973	68.3	1.4	63.9	43.4	96.3	117.6	108.0	53.4	21.4	5.5	0.5
1974	67.9	1.4	63.0	42.4	94.5	115.5	108.4	52.6	20.2	5.3	0.3
1975	65.9	1.3	60.0	41.1	89.0	110.1	106.6	51.1	18.8	4.6	0.2
1976	65.0	1.2	56.9	38.1	85.5	108.3	109.7	50.0	18.4	4.5	0.2
1977	68.1	1.2	57.4	38.6	85.9	114.7	114.2	55.6	18.7	4.3	0.2
1978	66.8	1.1	55.6	36.3	83.8	113.7	111.6	55.5	18.0	4.0	0.3
1979	69.2	1.1	57.3	35.9	87.7	119.7	114.9	57.2	17.9	3.7	0.3
1980	70.6	1.2	57.5	35.6	88.0	121.9	116.9	60.5	18.3	3.7	0.2
1981	68.2	1.1	55.2	33.5	85.5	116.4	113.2	58.7	17.1	3.7	0.1
1982	68.0	0.8	54.9	33.6	83.5	115.6	113.6	60.1	19.3	3.4	0.3
1983	66.7	1.0	54.4	32.8	83.3	113.0	111.1	61.1	19.3	3.6	0.2
1984	65.1	0.9	53.6	32.1	83.8	108.9	109.0	62.3	19.2	3.3	0.1
1985	66.0	1.2	54.5	31.7	87.3	111.3	110.8	62.9	19.9	3.2	0.2
1986	64.0	1.0	53.2	31.5	86.3	109.5	106.8	63.2	19.8	3.2	0.1
1987	63.0	1.1	52.8	32.8	83.3	109.9	106.1	63.0	21.3	3.2	0.2
1988	63.9	1.0	55.6	34.0	86.4	110.6	108.9	65.1	21.9	3.7	0.2
1989	65.6	1.1	59.9	37.2	89.5	115.9	111.2	65.8	23.6	3.6	0.1

Graph C

Crude and Age-Adjusted Death Rates per 1,000 Population

Missouri 1911-1989



	Crude Rate	*Age-Adjusted Rate*
1911	13.1	20.1
1920	12.5	18.3
1930	11.8	16.6
1940	11.6	15.0
1950	11.0	12.7
1960	11.2	11.6
1970	11.1	11.1

	Crude Rate	*Age-Adjusted Rate*
1975	10.3	9.9
1976	10.3	9.7
1977	10.2	9.5
1978	10.2	9.4
1979	9.8	9.0
1980	10.0	9.2
1981	9.8	8.9

	Crude Rate	*Age-Adjusted Rate*
1982	9.7	8.7
1983	9.9	8.8
1984	9.8	8.6
1985	9.9	8.7
1986	9.9	8.6
1987	9.9	8.5
1988	9.8	8.4
1989	9.7	8.2

TABLE 4

AGE-SPECIFIC DEATH RATES PER 1,000 POPULATION: MISSOURI 1911-1989

		Age										
	Total*	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
1911	20.1	99.6	12.3	2.7	4.8	6.9	8.8	13.5	24.4	52.4	118.8	247.6
1920	18.3	87.1	10.4	2.8	5.0	7.0	7.9	11.2	21.1	47.0	104.2	249.0
1930	16.6	63.9	5.1	1.8	3.3	4.4	6.4	11.9	22.2	49.5	110.0	190.0
1935	16.0	60.4	4.5	1.5	2.7	3.9	6.2	10.8	21.1	45.7	115.3	190.5
1940	15.0	51.6	3.3	1.0	1.9	2.8	4.9	9.8	20.4	44.8	110.0	207.2
1945	13.6	38.9	1.9	0.9	1.5	2.0	4.1	9.2	18.5	41.7	102.5	198.7
1950	12.7	33.4	1.5	0.6	1.2	1.7	3.4	8.1	18.1	38.9	94.3	210.4
1955	11.3	26.0	1.0	0.5	1.2	1.5	2.9	7.2	15.9	36.1	84.4	188.3
1960	11.6	25.5	1.0	0.4	1.1	1.5	2.9	7.2	16.6	37.1	86.5	201.1
1965	11.4	26.0	1.0	0.4	1.2	1.5	3.1	7.3	16.3	36.4	84.6	194.1
1970	11.1	20.8	0.8	0.4	1.4	1.6	3.2	7.2	16.6	35.8	81.8	181.9
1971	10.7	20.2	0.8	0.4	1.3	1.5	2.9	6.8	15.6	34.2	80.4	181.2
1972	10.9	18.3	0.8	0.4	1.3	1.5	2.9	7.2	15.7	35.5	82.0	183.2
1973	10.7	17.8	0.8	0.4	1.3	1.5	2.9	6.9	16.0	34.2	79.8	178.9
1974	10.3	16.9	0.7	0.4	1.2	1.4	2.7	6.7	15.2	33.3	76.1	180.5
1975	9.9	16.4	0.6	0.3	1.2	1.4	2.6	6.5	14.6	32.4	71.9	170.6
1976	9.7	15.3	0.7	0.4	1.3	1.4	2.5	6.2	14.5	31.7	70.0	170.6
1977	9.5	14.2	0.7	0.4	1.2	1.3	2.4	6.3	13.9	31.8	69.3	161.5
1978	9.4	14.8	0.8	0.3	1.2	1.4	2.4	6.0	14.1	30.8	68.3	165.1
1979	9.0	13.7	0.6	0.3	1.3	1.3	2.2	5.7	13.2	30.2	64.9	157.3
1980	9.2	12.3	0.7	0.3	1.3	1.3	2.2	5.8	13.4	30.5	67.1	162.4
1981	8.9	12.7	0.5	0.3	1.0	1.3	2.2	5.6	13.5	29.1	64.5	158.1
1982	8.7	11.7	0.6	0.3	1.1	1.2	2.0	5.2	13.2	29.2	63.9	152.0
1983	8.8	10.7	0.6	0.3	0.9	1.2	1.9	5.4	13.4	28.9	65.1	158.2
1984	8.6	10.3	0.5	0.3	1.0	1.1	1.9	5.3	12.8	28.8	63.4	154.7
1985	8.7	10.2	0.5	0.2	1.0	1.1	1.8	4.9	13.3	28.5	64.5	162.1
1986	8.6	10.6	0.5	0.3	1.1	1.3	1.9	4.8	12.5	28.6	62.8	158.9
1987	8.5	10.2	0.5	0.3	1.0	1.2	1.9	4.7	12.5	28.3	62.5	158.4
1988	8.4	10.1	0.5	0.2	1.0	1.2	1.9	4.7	12.4	27.4	63.1	157.6
1989	8.2	9.9	0.5	0.3	1.1	1.2	2.0	4.4	12.2	26.5	61.6	154.5

*Age-Adjusted Death Rate

TABLE 5A RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY RACE OF MOTHER: MISSOURI 1989

	ALL RACES	WHITE	BLACK	OTHER
TOTAL	77,755	63,842	12,814	1,039
SEX				
MALE	39,916	32,859	6,477	546
FEMALE	37,839	30,983	6,337	493
MOTHER HISPANIC	919	847	26	42
ATTENDANT				
M.D.	68,693	55,536	12,205	901
D.O.	8,575	7,853	589	128
CERT NURSE MIDWIFE	101	95	1	5
OTHER MIDWIFE	160	160	0	0
OTHER	226	198	19	5
PLACE OF BIRTH				
HOSPITAL	77,076	63,263	12,725	1,032
BIRTHING CENTER	92	90	1	1
CLINIC	72	69	1	2
HOME RESIDENCE	472	388	76	4
PLANNED	306	299	3	1
UNPLANNED	74	36	36	2
OTHER	43	32	11	0
MONTH OF BIRTH				
JANUARY	6,261	5,093	1,072	89
FEBRUARY	5,846	4,839	927	73
MARCH	6,539	5,461	990	83
APRIL	6,167	5,087	989	88
MAY	6,445	5,375	983	84
JUNE	6,508	5,373	1,043	86
JULY	6,927	5,615	1,228	83
AUGUST	7,121	5,786	1,239	94
SEPTEMBER	6,996	5,704	1,189	94
OCTOBER	6,626	5,473	1,061	88
NOVEMBER	6,103	5,016	993	88
DECEMBER	6,216	5,020	1,100	89
NUMBER BORN				
SINGLETON	75,930	62,412	12,431	1,027
TWIN	1,779	1,389	378	12
TRIPLET	46	41	5	0
QUAD. OR MORE	0	0	0	0
PREV. TERMINATIONS				
NONE	59,411	49,078	9,475	821
1	13,199	10,697	2,340	151
2 OR MORE	5,103	4,041	990	67
UNKNOWN	42	26	9	0

	ALL RACES	WHITE	BLACK	OTHER
ALCOHOLIC DRINKS PER WEEK				
NONE	73,886	60,643	12,217	990
LESS THAN 7	2,632	2,193	422	16
7 OR MORE	99	59	40	0
DRANK UNKNOWN AMOUNT	253	213	39	1
UNKNOWN DRINKING STATUS	885	734	96	32
CIGARETTES SMOKED PER DAY DURING PREGNANCY				
NONE	57,084	46,436	9,746	878
LESS THAN 10	4,320	3,018	1,264	36
10-19	7,277	6,144	1,083	48
20 OR MORE	7,788	7,157	580	42
SMOKED UNKNOWN AMOUNT	458	403	51	3
UNKNOWN SMOKING STATUS	828	684	90	32
YEARS AT PRESENT ADDRESS				
LESS THAN 1	18,633	14,900	3,384	335
1-4	39,647	33,956	5,154	509
5-9	9,185	7,724	1,376	82
10 OR MORE	6,662	4,233	2,387	38
UNKNOWN	3,628	3,029	515	75
MATERNAL TRANSFERS				
FROM ANOTHER HOSPITAL	782	594	173	15
DOCTORS OFFICE, OTHER	1,636	990	604	41
NO TRANSFER	74,173	61,255	11,922	947
UNKNOWN	1,164	1,003	115	36
INFANT TRANSFER				
YES	1,269	976	277	14
NO	75,333	61,872	12,423	990
UNKNOWN	1,153	994	114	35
MATERNAL WEIGHT GAIN DURING PREGNANCY (LBS.)				
LESS THAN 10	2,005	1,519	473	11
10-19	8,167	6,205	1,862	96
20-29	22,869	18,858	3,660	343
30-39	23,777	20,250	3,204	311
40 OR MORE	18,434	15,227	2,997	203
UNKNOWN	2,503	1,783	618	75
CROWN HEEL LENGTH (CM.)				
LESS THAN 40	760	499	257	3
40-46	4,131	2,860	1,219	48
47-50	34,214	27,086	6,622	482
51 OR MORE	35,790	30,996	4,323	450
UNKNOWN	2,860	2,401	393	56

TABLE 5B RESIDENT LIVE BIRTHS BY SELECTED OBSTETRIC AND PEDIATRIC CONDITIONS AND PROCEDURES: MISSOURI 1989

	NUMBER	PERCENT
TOTAL LIVE BIRTHS	77,755	100.0
MEDICAL RISK FACTORS		
TOTAL ONE OR MORE	14,594	18.8
ANEMIA	1,235	1.6
CARDIAC DISEASE	170	.2
ACUTE/CHRONIC LUNG DISEASE	319	.4
DIABETES (INSULIN DEP.)	329	.4
DIABETES (NON-INSULIN DEP.)	1,246	1.6
GENITAL HERPES	674	.9
HYDRAMNIOS/OLIGOHYDRAMNIOS	520	.7
HEMOGLOBINOPATHY	65	.1
HYPERTENSION, CHRONIC	626	.8
HYPERTENSION, PREG. INDUCED	2,807	3.6
ECLAMPSIA	89	.1
INCOMPETENT CERVIX	244	.3
PREV. INFANT 4000+ GMS.	917	1.2
PREV. PRETERM/SGA	847	1.1
RENAL DISEASE	105	.1
RH SENSITIZATION	371	.5
UTERINE BLEEDING	602	.8
OTHER	5,666	7.3
OBSTETRIC PROCEDURES		
TOTAL ONE OR MORE	70,713	90.9
AMNIOCENTESIS	2,155	2.8
ELECTRONIC FETAL MONITORING	61,484	79.1
INDUCTION OF LABOR	8,518	11.0
STIMULATION OF LABOR	9,862	12.7
TOCOLYSIS	1,558	2.0
ULTRASOUND	47,697	61.3
CHORIONIC VILLUS SAMPLING	228	.3
OTHER	1,666	2.1
COMPLICATIONS OF LABOR/DEL.		
TOTAL ONE OR MORE	27,290	35.1
FEBRILE	1,030	1.3
MECONIUM, MODERATE/HEAVY	5,388	6.9
PREMATURE RUPT. MEMB. (>12 HRS.)	2,786	3.6
ABRUPTIO PLACENTA	620	.8
PLACENTA PREVIA	295	.4
OTHER EXCESSIVE BLEEDING	377	.5
SEIZURES DURING LABOR	25	.0
PRECIPITOUS LABOR (>3 HRS.)	1,595	2.1
PROLONGED LABOR (>20 HRS.)	875	1.1
DYSFUNCTIONAL LABOR	2,573	3.3
BREECH	2,882	3.7
OTHER MALPRESENTATION	1,377	1.8
CEPHALOPELVIC DISPROPORTION	3,586	4.6
CORD PROLAPSE	213	.3
ANESTHETIC COMPLICATIONS	58	.1
FETAL DISTRESS	5,393	6.9
OTHER	6,586	8.5

	NUMBER	PERCENT
METHOD OF DELIVERY		
VAGINAL	53,918	69.3
VAGINAL AFTER CESAREAN SECTION	1,608	2.1
PRIMARY ELEC. CESAREAN SECTION	4,352	5.6
PRIMARY EMERG. CESAREAN SECTION	7,148	9.2
REPEAT CESAREAN SECTION	6,504	8.4
OUTLET/LOW FORCEPS	4,730	6.1
MID/HIGH FORCEPS	257	.3
VACUUM EXTRACTION	5,024	6.5
ABNORMAL CONDITIONS NEWBORN		
TOTAL ONE OR MORE	3,989	5.1
ANEMIA	98	.1
BIRTH INJURY	145	.2
FETAL ALCOHOL SYNDROME	8	.0
HYALINE MEMBRANE (RDS)	793	1.0
MECONIUM ASPIRATION	205	.3
ASSISTED VENT. (LT 30 MINS.)	718	.9
ASSISTED VENT. (30+ MINS.)	737	.9
SEIZURES	60	.1
OTHER	2,103	2.7
CONGENITAL ANOMALIES		
TOTAL ONE OR MORE	1,166	1.5
ANENCEPHALUS	8	.0
SPINA BIFIDA/MENINGOCELE	35	.0
HYDROCEPHALUS	38	.0
MICROCEPHALUS	14	.0
OTHER CNS ANOMALIES	22	.0
HEART MALFORMATION	111	.1
OTHER CIRC/RESP. ANOMALIES	79	.1
RECTAL ATRESIA/STENOSIS	24	.0
TRACHEO-ESOPHAGEAL FISTULA ESOPHAGEAL ATRESIA	6	.0
OMPHALOCELE/GASTROSCHISIS	57	.1
OTHER GASTROINTESTINAL ANOMALIES	36	.0
MALFORMED GENITALIA	130	.2
RENAL AGENESIS	14	.0
OTHER UROGENITAL ANOMALIES	84	.1
CLEFT LIP/PALATE	105	.1
POLYDACTYLY/SYNDACTYLY/ADACTYLY	106	.1
CLUB FOOT	61	.1
DIAPHRAGMATIC HERNIA	21	.0
OTHER MUSCULOSKELETAL/INTEGUMENTAL	232	.3
DOWN SYNDROME	45	.1
OTHER CHROMOSOMAL ANOMALIES	36	.0
OTHER	59	.1

TABLE 6 RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY LIVE BIRTH ORDER BY MOTHER'S MARITAL STATUS BY RACE OF MOTHER: MISSOURI 1989

RACE OF MOTHER / AGE OF MOTHER	ALL LIVE BIRTHS — LIVE BIRTH ORDER						OUT-OF-WEDLOCK LIVE BIRTHS — LIVE BIRTH ORDER					
	TOTAL	1ST	2ND	3RD	4TH	5TH OR MORE	TOTAL	1ST	2ND	3RD	4TH	5TH OR MORE
ALL RACES												
ALL AGES	77,755	31,484	26,194	12,873	4,585	2,619	21,105	10,268	5,553	2,987	1,314	983
UNDER 15	192	190	2	0	0	0	188	186	2	0	0	0
15-17	3,792	3,240	488	60	4	0	3,010	2,601	353	53	3	0
18-19	6,958	4,872	1,673	342	63	8	4,207	2,945	961	240	53	8
20-24	21,806	10,088	7,548	2,989	885	296	7,496	3,098	2,416	1,288	476	218
25-29	24,882	8,667	9,478	4,538	1,488	711	3,878	979	1,187	895	455	362
30-34	14,706	3,477	5,408	3,580	1,386	855	1,671	345	466	372	234	254
35-39	4,661	803	1,422	1,201	650	585	549	89	140	122	79	119
40-44	628	97	139	143	98	151	78	12	22	12	13	19
45-49	21	2	3	5	2	9	5	1	0	1	1	2
UNKNOWN	109	48	33	15	9	4	23	12	6	4	0	1
WHITE												
ALL AGES	63,842	26,348	22,053	10,404	3,425	1,612	11,302	6,427	2,800	1,337	484	254
UNDER 15	58	58	0	0	0	0	54	54	0	0	0	0
15-17	2,352	2,091	247	13	1	0	1,599	1,468	123	8	0	0
18-19	5,048	3,786	1,097	149	14	2	2,457	1,953	429	65	8	2
20-24	17,211	8,585	6,021	2,047	466	92	3,938	1,985	1,258	532	127	36
25-29	21,566	7,871	8,419	3,819	1,114	343	2,052	664	638	468	197	85
30-34	12,903	3,123	4,869	3,158	1,165	588	850	227	257	183	107	76
35-39	4,064	718	1,259	1,071	565	451	288	60	79	70	36	43
40-44	550	85	117	131	91	126	51	10	14	9	9	9
45-49	19	2	3	5	1	8	4	1	0	1	0	2
UNKNOWN	71	29	21	11	8	2	9	5	2	1	0	1
BLACK												
ALL AGES	12,814	4,619	3,794	2,325	1,107	969	9,613	3,737	2,710	1,625	820	721
UNDER 15	132	130	2	0	0	0	132	130	2	0	0	0
15-17	1,413	1,128	236	46	3	0	1,391	1,115	229	44	3	0
18-19	1,834	1,033	554	193	48	6	1,708	958	524	175	45	6
20-24	4,341	1,369	1,454	910	409	199	3,491	1,078	1,142	745	345	181
25-29	2,961	616	952	677	356	360	1,794	306	540	418	257	273
30-34	1,559	272	442	381	209	255	809	115	203	188	126	177
35-39	491	56	130	106	74	125	248	26	59	50	39	74
40-44	64	7	19	10	7	21	27	2	8	3	4	10
45-49	2	0	0	0	1	1	1	0	0	0	1	0
UNKNOWN	17	8	5	2	0	2	12	7	3	2	0	0

TABLE 7 TEEN-AGE RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY LIVE BIRTH ORDER BY MOTHER'S MARITAL STATUS BY RACE OF MOTHER WITH PERCENTAGES: MISSOURI 1989

RACE OF MOTHER / AGE OF MOTHER	ALL LIVE BIRTHS LIVE BIRTH ORDER TOTAL	1ST	2ND	3RD OR MORE	OUT-OF-WEDLOCK LIVE BIRTHS LIVE BIRTH ORDER TOTAL	1ST	2ND	3RD OR MORE	PERCENT OUT-OF-WEDLOCK LIVE BIRTH ORDER TOTAL	1ST	2ND	3RD OR MORE
ALL RACES												
10-19	10,942	8,302	2,163	477	7,405	5,732	1,316	357	67.7	69.0	60.8	74.8
10	0	0	0	0	0	0	0	0	---	---	---	---
11	1	1	0	0	1	1	0	0	100.0	100.0	---	---
12	5	5	0	0	5	5	0	0	100.0	100.0	---	---
13	36	36	0	0	36	36	0	0	100.0	100.0	---	---
14	150	148	2	0	146	144	2	0	97.3	97.3	100.0	---
15	493	455	37	1	446	411	34	1	90.5	90.3	91.9	100.0
16	1,103	996	93	14	900	814	73	13	81.6	81.7	78.5	92.9
17	2,196	1,789	358	49	1,664	1,376	246	42	75.8	76.9	68.7	85.7
18	3,118	2,352	636	130	2,117	1,596	421	100	67.9	67.9	66.2	76.9
19	3,840	2,520	1,037	283	2,090	1,349	540	201	54.4	53.5	52.1	71.0
WHITE												
10-19	7,458	5,935	1,344	179	4,110	3,475	552	83	55.1	58.6	41.1	46.4
10	0	0	0	0	0	0	0	0	---	---	---	---
11	0	0	0	0	0	0	0	0	---	---	---	---
12	0	0	0	0	0	0	0	0	---	---	---	---
13	7	7	0	0	7	7	0	0	100.0	100.0	---	---
14	51	51	0	0	47	47	0	0	92.2	92.2	---	---
15	245	230	15	0	198	186	12	0	80.8	80.9	80.0	---
16	645	605	40	0	447	425	22	0	69.3	70.2	55.0	---
17	1,462	1,256	192	14	954	857	89	8	65.3	68.2	46.4	57.1
18	2,205	1,783	378	44	1,250	1,054	176	20	56.7	59.1	46.6	45.5
19	2,843	2,803	719	121	1,207	899	253	55	42.5	44.9	35.2	45.5
BLACK												
10-19	3,379	2,291	792	296	3,231	2,203	755	273	95.6	96.2	95.3	92.2
10	0	0	0	0	0	0	0	0	---	---	---	---
11	1	1	0	0	1	1	0	0	100.0	100.0	---	---
12	5	5	0	0	5	5	0	0	100.0	100.0	---	---
13	28	28	0	0	28	28	0	0	100.0	100.0	---	---
14	98	96	2	0	98	96	2	0	100.0	100.0	100.0	---
15	244	221	22	1	244	221	22	1	100.0	100.0	100.0	100.0
16	451	386	52	13	447	384	51	12	99.1	99.5	98.1	92.3
17	718	521	162	35	700	510	156	34	97.5	97.9	96.3	97.1
18	876	539	251	86	843	520	243	80	96.2	96.5	96.8	93.0
19	958	494	303	161	865	438	281	146	90.3	88.7	92.7	90.7

TABLE 8 PERCENT LOW BIRTH WEIGHT AND RESIDENT LIVE BIRTHS BY BIRTH WEIGHT BY AGE OF MOTHER BY RACE OF MOTHER: MISSOURI 1989

AGE OF MOTHER AND RACE OF MOTHER	PERCENT LOW BIRTH WEIGHT	TOTAL	BIRTH WEIGHT: LESS THAN 500 GRAMS	500-999 GRAMS	1000-1499 GRAMS	1500-1999 GRAMS	2000-2499 GRAMS	2500-2999 GRAMS	3000-3499 GRAMS	3500-3999 GRAMS	4000-4499 GRAMS	4500 OR MORE GRAMS	UNKNOWN
ALL RACES													
ALL AGES	6.9	77,755	117	364	500	1,018	3,390	12,231	28,410	23,255	7,100	1,326	44
UNDER 15	15.1	192	0	2	3	8	16	52	76	25	8	1	1
15-17	10.7	3,792	6	28	41	101	231	828	1,470	856	209	21	1
18-19	8.1	6,958	10	42	74	93	342	1,289	2,719	1,877	435	70	7
20-24	7.1	21,806	38	123	125	251	1,001	3,680	8,222	6,311	1,737	306	12
25-29	6.3	24,882	39	101	137	301	984	3,615	9,079	7,715	2,444	455	12
30-34	6.4	14,706	19	49	78	183	619	2,015	5,071	4,718	1,627	320	7
35-39	5.9	4,661	4	14	30	71	158	647	1,539	1,506	566	126	0
40 AND OVER	8.5	649	0	2	8	10	35	95	192	216	69	22	0
WHITE													
ALL AGES	5.7	63,842	69	230	317	686	2,342	8,900	23,027	20,483	6,538	1,221	29
UNDER 15	12.1	58	0	0	0	3	4	12	24	10	4	1	0
15-17	8.8	2,352	2	16	16	54	118	441	902	619	169	15	0
18-19	6.9	5,048	5	24	38	57	223	818	1,921	1,522	369	65	6
20-24	5.8	17,211	22	81	77	149	666	2,581	6,434	5,354	1,566	273	8
25-29	5.3	21,566	26	66	97	225	725	2,845	7,809	7,033	2,304	426	10
30-34	5.4	12,903	12	30	56	139	456	1,610	4,409	4,355	1,535	298	3
35-39	5.0	4,064	2	9	23	50	119	511	1,331	1,379	522	118	0
40 AND OVER	7.9	569	0	1	7	9	28	76	168	193	65	22	0
BLACK													
ALL AGES	13.1	12,814	45	132	176	319	1,007	3,123	4,921	2,501	496	86	8
UNDER 15	15.9	132	0	2	3	5	11	40	52	15	4	0	0
15-17	14.2	1,413	4	12	25	47	113	376	559	235	35	6	1
18-19	11.5	1,834	5	18	35	36	117	456	767	333	62	4	1
20-24	12.1	4,341	16	41	48	98	324	1,047	1,684	894	157	30	2
25-29	13.6	2,961	12	34	37	73	246	707	1,118	588	119	26	1
30-34	15.2	1,559	6	19	20	40	152	363	551	309	83	15	1
35-39	13.6	491	1	5	6	19	36	117	164	105	33	5	0
40 AND OVER	15.2	66	0	1	1	1	7	15	21	17	3	0	0

ALL AGES INCLUDE UNKNOWN AGE

TABLE 9 RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
COUNTIES	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
STATE TOTAL	77,755	63,842	12,814	21,105	11,302	9,613	27.1	17.7	75.0
ADAIR	291	289	0	52	51	0	17.9	17.6	--
ANDREW	185	184	0	25	24	0	13.5	13.0	--
ATCHISON	83	83	0	18	18	0	21.7	21.7	--
AUDRAIN	280	257	20	74	57	17	26.4	22.2	85.0
BARRY	328	320	0	55	54	0	16.8	16.9	--
BARTON	147	145	0	17	16	0	11.6	11.0	--
BATES	196	192	1	48	47	1	24.5	24.5	100.0
BENTON	137	135	1	27	26	1	19.7	19.3	100.0
BOLLINGER	158	158	0	16	16	0	10.1	10.1	--
BOONE	1,712	1,442	203	376	225	149	22.0	15.6	73.4
BUCHANAN	1,248	1,198	43	368	328	38	29.5	27.4	88.4
BUTLER	510	471	36	140	117	21	27.5	24.8	58.3
CALDWELL	106	106	0	22	22	0	20.8	20.8	--
CALLAWAY	464	436	23	94	75	18	20.3	17.2	78.3
CAMDEN	345	338	1	59	58	0	17.1	17.2	--
CAPE GIRARDEAU	854	769	83	195	133	62	22.8	17.3	74.7
CARROLL	156	152	3	25	23	1	16.0	15.1	33.3
CARTER	77	77	0	24	24	0	31.2	31.2	--
CASS	921	897	10	144	139	2	15.6	15.5	20.0
CEDAR	160	158	0	33	33	0	20.6	20.9	--
CHARITON	114	110	4	17	14	3	14.9	12.7	75.0
CHRISTIAN	460	453	2	64	60	1	13.9	13.2	50.0
CLARK	91	91	0	18	18	0	19.8	19.8	--
CLAY	2,318	2,239	32	406	386	13	17.5	17.2	40.6
CLINTON	221	212	7	42	37	5	19.0	17.5	71.4
COLE	943	879	57	177	137	39	18.8	15.6	68.4
COOPER	188	175	11	35	25	10	18.6	14.3	90.9
CRAWFORD	286	286	0	64	64	0	22.4	22.4	--
DADE	116	115	0	17	17	0	14.7	14.8	--
DALLAS	158	158	0	26	26	0	16.5	16.5	--
DAVIESS	85	84	0	8	8	0	9.4	9.5	--
DE KALB	104	104	0	11	11	0	10.6	10.6	--
DENT	179	179	0	31	31	0	17.3	17.3	--
DOUGLAS	145	144	0	21	20	0	14.5	13.9	--
DUNKLIN	454	376	76	155	89	64	34.1	23.7	84.2

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
COUNTIES	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
FRANKLIN	1,215	1,203	8	241	233	6	19.8	19.4	75.0
GASCONADE	183	183	0	36	36	0	19.7	19.7	--
GENTRY	74	74	0	7	7	0	9.5	9.5	--
GREENE	2,766	2,637	62	568	514	43	20.5	19.5	69.4
GRUNDY	127	126	1	18	18	0	14.2	14.3	--
HARRISON	93	92	1	12	12	0	12.9	13.0	--
HENRY	236	231	2	32	30	2	13.6	13.0	100.0
HICKORY	69	68	0	14	14	0	20.3	20.6	--
HOLT	75	75	0	14	14	0	18.7	18.7	--
HOWARD	112	95	16	25	10	15	22.3	10.5	93.8
HOWELL	414	410	0	67	66	0	16.2	16.1	--
IRON	154	152	1	32	32	0	20.8	21.1	--
JACKSON	10,972	7,511	3,262	4,130	1,616	2,453	37.6	21.5	75.2
JASPER	1,317	1,283	12	315	304	6	23.9	23.7	50.0
JEFFERSON	2,809	2,771	23	525	504	19	18.7	18.2	82.6
JOHNSON	685	624	40	92	80	10	13.4	12.8	25.0
KNOX	40	39	0	6	5	0	15.0	12.8	--
LACLEDE	417	415	0	86	86	0	20.6	20.7	--
LAFAYETTE	417	406	9	96	88	8	23.0	21.7	88.9
LAWRENCE	436	433	0	105	103	0	24.1	23.8	--
LEWIS	129	125	4	23	19	4	17.8	15.2	100.0
LINCOLN	447	439	6	77	74	3	17.2	16.9	50.0
LINN	205	203	1	34	32	1	16.6	15.8	100.0
LIVINGSTON	193	189	3	36	34	2	18.7	18.0	66.7
MC DONALD	268	261	1	67	64	1	25.0	24.5	100.0
MACON	159	154	4	36	31	4	22.6	20.1	100.0
MADISON	131	129	0	27	26	0	20.6	20.2	--
MARIES	80	79	0	16	15	0	20.0	19.0	--
MARION	403	382	20	98	83	15	24.3	21.7	75.0
MERCER	36	36	0	3	3	0	8.3	8.3	--
MILLER	308	306	1	64	62	1	20.8	20.3	100.0
MISSISSIPPI	222	147	73	115	51	63	51.8	34.7	86.3
MONITEAU	167	163	1	20	19	1	12.0	11.7	100.0
MONROE	111	104	7	13	9	4	11.7	8.7	57.1
MONTGOMERY	163	158	5	32	27	5	19.6	17.1	100.0

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
COUNTIES	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
MORGAN	189	185	3	33	30	3	17.5	16.2	100.0
NEW MADRID	297	226	71	112	50	62	37.7	22.1	87.3
NEWTON	659	643	0	113	111	0	17.1	17.3	--
NODAWAY	255	252	0	36	36	0	14.1	14.3	--
OREGON	103	103	0	18	18	0	17.5	17.5	--
OSAGE	148	147	0	14	14	0	9.5	9.5	--
OZARK	74	74	0	15	15	0	20.3	20.3	--
PEMISCOT	410	235	174	217	69	148	52.9	29.4	85.1
PERRY	220	220	0	43	43	0	19.5	19.5	--
PETTIS	502	481	18	111	96	14	22.1	20.0	77.8
PHELPS	451	431	6	92	90	2	20.4	20.9	33.3
PIKE	225	214	10	55	45	9	24.4	21.0	90.0
PLATTE	841	804	21	119	109	8	14.1	13.6	38.1
POLK	282	278	0	43	43	0	15.2	15.5	--
PULASKI	733	575	112	126	96	30	17.2	16.7	26.8
PUTNAM	55	55	0	9	9	0	16.4	16.4	--
RALLS	92	88	4	14	11	3	15.2	12.5	75.0
RANDOLPH	323	301	19	85	67	17	26.3	22.3	89.5
RAY	296	292	1	59	57	1	19.9	19.5	100.0
REYNOLDS	82	82	0	18	18	0	22.0	22.0	--
RIPLEY	171	170	0	25	25	0	14.6	14.7	--
ST. CHARLES	3,741	3,613	96	499	437	59	13.3	12.1	61.5
ST. CLAIR	97	97	0	19	19	0	19.6	19.6	--
ST. FRANCOIS	658	654	1	166	165	0	25.2	25.2	--
STE. GENEVIEVE	227	223	2	35	34	1	15.4	15.2	50.0
ST. LOUIS CITY	8,194	2,995	5,111	5,077	824	4,228	62.0	27.5	82.7
ST. LOUIS COUNTY	14,441	11,322	2,855	3,057	1,225	1,812	21.2	10.8	63.5
SALINE	306	279	25	102	80	21	33.3	28.7	84.0
SCHUYLER	70	70	0	7	7	0	10.0	10.0	--
SCOTLAND	69	69	0	5	5	0	7.2	7.2	--
SCOTT	594	506	84	164	98	66	27.6	19.4	78.6
SHANNON	122	122	0	29	29	0	23.8	23.8	--
SHELBY	94	92	0	16	15	0	17.0	16.3	--
STODDARD	398	389	7	87	80	6	21.9	20.6	85.7
STONE	223	221	0	49	48	0	22.0	21.7	--

TABLE 9 (CONT) RESIDENT LIVE BIRTHS BY MOTHER'S MARITAL STATUS BY RACE WITH PERCENTAGES BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	TOTAL LIVE BIRTHS			OUT-OF-WEDLOCK LIVE BIRTHS			PERCENT OUT-OF-WEDLOCK		
COUNTIES	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK	TOTAL	WHITE	BLACK
SULLIVAN	69	69	0	14	14	0	20.3	20.3	--
TANEY	276	271	0	47	47	0	17.0	17.3	--
TEXAS	251	251	0	47	47	0	18.7	18.7	--
VERNON	275	267	0	49	46	0	17.8	17.2	--
WARREN	317	301	12	64	55	9	20.2	18.3	75.0
WASHINGTON	303	298	5	102	99	3	33.7	33.2	60.0
WAYNE	137	137	0	37	37	0	27.0	27.0	--
WEBSTER	362	360	0	46	45	0	12.7	12.5	--
WORTH	31	31	0	2	2	0	6.5	6.5	--
WRIGHT	237	233	0	42	42	0	17.7	18.0	--
CITIES OVER 25,000 POPULATION									
BLUE SPRINGS	673	656	14	83	78	4	12.3	11.9	28.6
CAPE GIRARDEAU	459	381	77	146	87	59	31.8	22.8	76.6
COLUMBIA	986	758	171	245	118	127	24.8	15.6	74.3
FLORISSANT	687	638	42	89	73	16	13.0	11.4	38.1
INDEPENDENCE	1,730	1,658	29	420	397	13	24.3	23.9	44.8
JEFFERSON CITY	517	459	52	123	85	37	23.8	18.5	71.2
KIRKWOOD	361	326	33	48	20	27	13.3	6.1	81.8
LEES SUMMIT	761	741	17	89	81	8	11.7	10.9	47.1
RAYTOWN	390	369	17	67	60	7	17.2	16.3	41.2
ST. CHARLES	1,045	1,008	22	183	169	12	17.5	16.8	54.5
ST. JOSEPH	1,106	1,057	43	349	309	38	31.6	29.2	88.4
ST. LOUIS CITY	8,194	2,995	5,111	5,077	824	4,228	62.0	27.5	82.7
SPRINGFIELD	1,971	1,859	61	475	422	43	24.1	22.7	70.5
UNIVERSITY CITY	671	297	353	244	13	231	36.4	4.4	65.4
MULTI-COUNTY CITIES									
JOPLIN	668	645	11	170	162	5	25.4	25.1	45.5
JASPER CO. PART	607	585	11	159	151	5	26.2	25.8	45.5
NEWTON CO. PART	61	60	0	11	11	0	18.0	18.3	--
KANSAS CITY	8,071	4,757	3,144	3,528	1,080	2,396	43.7	22.7	76.2
JACKSON CO. PART	6,540	3,292	3,116	3,280	845	2,388	50.2	25.7	76.6
CLAY CO. PART	1,144	1,101	14	208	201	3	18.2	18.3	21.4
PLATTE CO. PART	387	364	14	40	34	5	10.3	9.3	35.7

TABLE 10A RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY RACE OF MOTHER, REGIONAL PLANNING COMMISSION: MISSOURI 1989

	TOTAL		STATE TOTAL WHITE		BLACK		EAST-WEST GATEWAY		MID AMERICA		SOUTHWEST MISSOURI	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	77,755	100.0	63,842	100.0	12,814	100.0	30,400	100.0	15,348	100.0	5,407	100.0
UNDER 2500 GRAMS	5,389	6.9	3,644	5.7	1,679	13.1	2,207	7.3	1,158	7.5	326	6.0
OVER 4499 GRAMS	1,326	1.7	1,221	1.9	86	0.7	493	1.6	253	1.6	98	1.8
CROWN HEEL LT 47 CM (<18.5 IN)	4,891	6.5	3,359	5.5	1,476	11.9	1,833	6.1	1,118	7.8	266	5.1
LESS THAN 37 WEEKS GESTATION	7,212	9.3	4,805	7.5	2,298	17.9	3,083	10.1	1,507	9.8	437	8.1
APGAR SCORE LESS THAN 8	2,573	3.3	1,873	2.9	674	5.3	784	2.6	593	3.9	161	3.0
CONGENITAL ANOMALIES	1,166	1.5	974	1.5	179	1.4	369	1.2	213	1.4	82	1.5
ABNORMAL CONDITIONS OF NEWBORN	3,989	5.1	3,269	5.1	669	5.2	1,357	4.5	639	4.2	241	4.5
INFANT TRANSFERS	1,269	1.6	976	1.5	277	2.2	502	1.7	233	1.5	27	0.5
MATERNAL TRANSFERS	2,418	3.1	1,584	2.5	777	6.1	365	1.2	1,099	7.2	178	3.3
HOME DELIVERIES	472	0.6	388	0.6	76	0.6	194	0.6	41	0.3	52	1.0
CESAREAN DELIVERIES	17,958	23.1	15,325	24.0	2,392	18.7	7,317	24.1	3,143	20.5	1,323	24.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	19,843	25.5	16,722	26.2	2,978	23.2	7,341	24.1	3,835	25.0	1,384	25.6
DRANK ALCOHOL DURING PREG	2,984	3.8	2,465	3.9	501	3.9	1,568	5.2	660	4.3	135	2.5
GT 15 PERCENT UNDERWEIGHT	7,593	10.2	6,276	10.2	1,117	9.1	2,790	9.3	1,580	11.1	615	11.7
GT 20 PERCENT OVERWEIGHT	15,558	20.8	12,238	19.9	3,211	26.0	5,852	19.3	2,889	18.8	1,086	20.1
GAINED LT 20 LBS DURING PREG	10,172	13.5	7,724	12.4	2,335	19.1	4,032	13.4	1,640	11.6	712	13.3
MATERNAL EDUCATION UNDER 12	15,586	20.0	11,318	17.7	4,058	31.7	5,549	18.3	2,743	17.9	1,086	20.1
OUT-OF-WEDLOCK BIRTHS	21,105	27.1	11,302	17.7	9,613	75.0	9,399	30.9	4,858	31.7	1,020	18.9
LIVE BIRTH ORDER 4 OR MORE	7,204	9.3	5,037	7.9	2,076	16.2	3,075	10.1	1,403	9.1	457	8.5
LT 18 MOS SINCE LAST BIRTH	5,979	13.2	4,113	11.0	1,755	21.7	2,405	8.7	1,303	15.4	358	11.8
PRENATAL CARE												
1ST TRIMESTER	60,235	77.5	51,871	81.2	7,598	59.3	24,584	80.9	11,811	77.0	4,114	76.1
2ND TRIMESTER	12,845	16.5	9,164	14.4	3,457	27.0	4,389	14.4	2,278	14.8	975	18.0
3RD TRIMESTER	2,396	3.1	1,620	2.5	732	5.7	683	2.2	538	3.5	202	3.7
NO PRENATAL CARE	1,314	1.7	612	1.0	682	5.3	608	2.0	284	1.9	87	1.6
INADEQUATE PRENATAL CARE	13,289	17.6	8,679	13.9	4,386	36.4	4,798	15.9	2,486	17.6	984	18.4
MOTHER MEDICAID PARTICIPANT	19,858	26.4	12,365	20.1	7,280	57.9	6,816	22.6	3,573	25.1	1,499	28.5
MOTHER WIC PARTICIPANT	24,430	32.5	16,510	26.8	7,614	60.6	7,833	25.9	4,416	31.0	1,877	35.6
MOTHER ON MEDICAID AND WIC	15,551	20.7	9,757	15.8	5,636	44.9	5,071	16.8	2,732	19.2	1,201	22.8
MOTHER FOOD STAMP RECIPIENT	13,473	17.9	7,875	12.8	5,454	43.4	4,888	16.2	2,599	18.2	822	15.6
AGE OF MOTHER												
UNDER 15	192	0.2	58	0.1	132	1.0	105	0.3	41	0.3	8	0.1
15-17	3,792	4.9	2,352	3.7	1,413	11.0	1,368	4.5	814	5.3	246	4.5
18-19	6,958	8.9	5,048	7.9	1,834	14.3	2,260	7.4	1,403	9.1	516	9.5
20-24	21,806	28.0	17,211	27.0	4,341	33.9	7,058	23.2	4,305	28.0	1,679	31.1
25-29	24,882	32.0	21,566	33.8	2,961	23.1	10,017	33.0	5,025	32.7	1,755	32.5
30-34	14,706	18.9	12,903	20.2	1,559	12.2	6,981	23.0	2,806	18.3	881	16.3
35-39	4,661	6.0	4,064	6.4	491	3.8	2,298	7.6	823	5.4	277	5.1
40 AND OVER	649	0.8	569	0.9	66	0.5	301	1.0	109	0.7	39	0.7

TABLE 10A (CONT)

	MID-MISSOURI		MO KAN		NORTHWEST MISSOURI		GREEN HILLS		MISSOURI VALLEY		NORTHEAST MISSOURI	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	4,014	100.0	1,758	100.0	518	100.0	969	100.0	576	100.0	561	100.0
UNDER 2500 GRAMS	255	6.4	97	5.5	22	4.2	49	5.1	39	6.8	32	5.7
OVER 4499 GRAMS	66	1.6	39	2.2	4	0.8	19	2.0	13	2.3	14	2.5
CROWN HEEL LT 47 CM (<18.5 IN)	277	7.0	72	4.2	24	4.9	79	8.5	58	10.2	22	4.9
LESS THAN 37 WEEKS GESTATION	338	8.4	128	7.3	22	4.2	72	7.4	58	10.1	41	7.3
APGAR SCORE LESS THAN 8	136	3.4	59	3.4	14	2.7	29	3.0	21	3.6	45	8.0
CONGENITAL ANOMALIES	78	1.9	26	1.5	9	1.7	18	1.9	4	0.7	12	2.1
ABNORMAL CONDITIONS OF NEWBORN	237	5.9	54	3.1	15	2.9	59	6.1	53	9.2	113	20.1
INFANT TRANSFERS	44	1.1	28	1.6	7	1.4	24	2.5	8	1.4	14	2.5
MATERNAL TRANSFERS	76	1.9	47	2.7	8	1.5	43	4.4	64	11.1	20	3.6
HOME DELIVERIES	38	0.9	1	0.1	1	0.2	21	2.2	0	0.0	11	2.0
CESAREAN DELIVERIES	871	21.7	275	15.6	76	14.7	232	23.9	115	20.0	137	24.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	858	21.4	546	31.1	107	20.7	263	27.1	174	30.2	160	28.5
DRANK ALCOHOL DURING PREG	80	2.0	56	3.2	6	1.2	19	2.0	18	3.1	11	2.0
GT 15 PERCENT UNDERWEIGHT	376	9.8	162	9.3	33	6.8	75	8.1	57	10.3	45	10.0
GT 20 PERCENT OVERWEIGHT	800	19.9	385	21.9	106	20.5	237	24.5	146	25.3	123	21.9
GAINED LT 20 LBS DURING PREG	510	13.8	271	15.7	71	14.1	136	14.3	81	14.6	85	15.8
MATERNAL EDUCATION UNDER 12	621	15.5	415	23.6	73	14.1	195	20.1	147	25.5	102	18.2
OUT-OF-WEDLOCK BIRTHS	815	20.3	446	25.4	77	14.9	156	16.1	144	25.0	88	15.7
LIVE BIRTH ORDER 4 OR MORE	293	7.3	137	7.8	66	12.7	101	10.4	62	10.8	52	9.3
LT 18 MOS SINCE LAST BIRTH	219	9.8	147	14.1	32	10.4	65	10.9	48	13.7	37	11.1
PRENATAL CARE												
1ST TRIMESTER	3,060	76.2	1,435	81.6	434	83.8	778	80.3	435	75.5	421	75.0
2ND TRIMESTER	627	15.6	260	14.8	74	14.3	148	15.3	101	17.5	96	17.1
3RD TRIMESTER	140	3.5	42	2.4	5	1.0	22	2.3	23	4.0	31	5.5
NO PRENATAL CARE	40	1.0	11	0.6	4	0.8	12	1.2	4	0.7	5	0.9
INADEQUATE PRENATAL CARE	588	16.5	264	15.2	56	10.9	190	20.0	107	19.4	106	19.5
MOTHER MEDICAID PARTICIPANT	777	19.4	550	31.8	140	28.7	275	29.6	188	32.9	139	30.2
MOTHER WIC PARTICIPANT	988	24.7	550	31.8	232	47.5	421	45.4	243	42.6	177	38.5
MOTHER ON MEDICAID AND WIC	627	15.7	414	24.0	125	25.6	245	26.4	156	27.3	119	25.9
MOTHER FOOD STAMP RECIPIENT	556	13.9	368	21.3	86	17.6	179	19.3	119	20.8	100	21.7
AGE OF MOTHER												
UNDER 15	6	0.1	3	0.2	0	0.0	0	0.0	1	0.2	0	0.0
15-17	144	3.6	100	5.7	19	3.7	43	4.4	25	4.3	18	3.2
18-19	282	7.0	188	10.7	39	7.5	98	10.1	70	12.2	49	8.7
20-24	1,040	25.9	557	31.7	176	34.0	316	32.6	181	31.4	207	36.9
25-29	1,422	35.4	556	31.6	174	33.6	298	30.8	175	30.4	162	28.9
30-34	827	20.6	263	15.0	64	12.4	174	18.0	91	15.8	89	15.9
35-39	257	6.4	79	4.5	39	7.5	32	3.3	29	5.0	31	5.5
40 AND OVER	34	0.8	11	0.6	2	0.4	8	0.8	3	0.5	3	0.5

TABLE 10A (CONT)

	MARK TWAIN		BOONSLICK		OZARK GATEWAY		KAYSINGER BASIN		SHOW-ME		SOUTH CENTRAL OZARK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,536	100.0	927	100.0	2,391	100.0	1,170	100.0	1,604	100.0	1,346	100.0
UNDER 2500 GRAMS	114	7.4	60	6.5	131	5.5	76	6.5	83	5.2	66	4.9
OVER 4499 GRAMS	21	1.4	15	1.6	43	1.8	18	1.5	38	2.4	27	2.0
CROWN HEEL LT 47 CM (<18.5 IN)	94	7.5	59	6.5	88	4.1	76	7.0	96	6.1	58	4.5
LESS THAN 37 WEEKS GESTATION	135	8.8	88	9.5	203	8.5	95	8.1	114	7.1	115	8.5
APGAR SCORE LESS THAN 8	60	3.9	25	2.7	63	2.6	88	7.5	54	3.4	45	3.3
CONGENITAL ANOMALIES	43	2.8	19	2.0	42	1.8	30	2.6	25	1.6	26	1.9
ABNORMAL CONDITIONS OF NEWBORN	102	6.6	89	9.6	218	9.1	59	5.0	92	5.7	76	5.6
INFANT TRANSFERS	33	2.1	27	2.9	49	2.0	23	2.0	27	1.7	17	1.3
MATERNAL TRANSFERS	32	2.1	21	2.3	65	2.7	46	3.9	60	3.7	56	4.2
HOME DELIVERIES	9	0.6	7	0.8	14	0.6	4	0.3	13	0.8	19	1.4
CESAREAN DELIVERIES	334	21.7	221	23.8	500	20.9	314	26.8	374	23.3	308	22.9
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	426	27.7	307	33.1	593	24.8	309	26.4	421	26.2	407	30.2
DRANK ALCOHOL DURING PREG	35	2.3	65	7.0	51	2.1	27	2.3	49	3.1	34	2.5
GT 15 PERCENT UNDERWEIGHT	122	9.9	74	8.1	260	12.2	117	10.2	186	11.8	148	11.4
GT 20 PERCENT OVERWEIGHT	309	20.1	210	22.7	460	19.2	274	23.4	386	24.1	295	21.9
GAINED LT 20 LBS DURING PREG	211	14.4	144	15.9	319	14.1	166	15.0	212	13.5	208	15.5
MATERNAL EDUCATION UNDER 12	341	22.2	198	21.4	609	25.5	263	22.5	310	19.3	393	29.2
OUT-OF-WEDLOCK BIRTHS	340	22.1	173	18.7	512	21.4	222	19.0	299	18.6	239	17.8
LIVE BIRTH ORDER 4 OR MORE	144	9.4	100	10.8	191	8.0	99	8.5	135	8.4	134	10.0
LT 18 MOS SINCE LAST BIRTH	82	9.5	66	11.3	193	14.2	98	13.9	115	12.6	88	11.0
PRENATAL CARE												
1ST TRIMESTER	1,102	71.7	699	75.4	1,716	71.8	907	77.5	1,234	76.9	1,003	74.5
2ND TRIMESTER	327	21.3	176	19.0	492	20.6	210	17.9	295	18.4	279	20.7
3RD TRIMESTER	64	4.2	36	3.9	107	4.5	33	2.8	41	2.6	42	3.1
NO PRENATAL CARE	19	1.2	12	1.3	58	2.4	8	0.7	16	1.0	16	1.2
INADEQUATE PRENATAL CARE	342	23.2	164	18.2	567	24.2	162	14.1	235	15.0	270	20.2
MOTHER MEDICAID PARTICIPANT	391	31.0	163	17.8	602	28.2	434	40.8	371	23.5	568	43.7
MOTHER WIC PARTICIPANT	578	45.8	240	26.1	814	38.1	463	43.5	539	34.1	742	57.1
MOTHER ON MEDICAID AND WIC	343	27.2	122	13.3	483	22.6	343	32.2	297	18.8	467	35.9
MOTHER FOOD STAMP RECIPIENT	253	20.0	118	12.9	372	17.4	257	24.1	254	16.1	353	27.2
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.1	1	0.0	1	0.1	0	0.0	3	0.2
15-17	70	4.6	29	3.1	125	5.2	55	4.7	56	3.5	61	4.5
18-19	152	9.9	64	6.9	272	11.4	141	12.1	140	8.7	187	13.9
20-24	524	34.1	305	32.9	840	35.1	408	34.9	595	37.1	496	36.8
25-29	474	30.9	318	34.3	649	27.1	338	28.9	523	32.6	374	27.8
30-34	221	14.4	151	16.3	340	14.2	168	14.4	207	12.9	158	11.7
35-39	77	5.0	48	5.2	106	4.4	47	4.0	72	4.5	53	3.9
40 AND OVER	18	1.2	10	1.1	15	0.6	12	1.0	10	0.6	12	0.9

TABLE 10A (CONT)

	MERAMEC		LAKE OF THE OZARKS		SOUTHEAST MISSOURI		BOOTHEEL		OZARK FOOTHILLS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,482	100.0	1,992	100.0	2,402	100.0	2,375	100.0	977	100.0
UNDER 2500 GRAMS	107	7.2	136	6.8	150	6.2	210	8.8	71	7.3
OVER 4499 GRAMS	25	1.7	34	1.7	55	2.3	34	1.4	17	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	89	6.1	131	6.6	179	7.5	203	9.5	69	7.2
LESS THAN 37 WEEKS GESTATION	116	7.8	151	7.6	173	7.2	254	10.7	82	8.4
APGAR SCORE LESS THAN 8	72	4.9	82	4.1	78	3.2	109	4.6	55	5.6
CONGENITAL ANOMALIES	24	1.6	41	2.1	40	1.7	51	2.1	14	1.4
ABNORMAL CONDITIONS OF NEWBORN	86	5.8	119	6.0	134	5.6	180	7.6	66	6.8
INFANT TRANSFERS	44	3.0	30	1.5	59	2.5	58	2.4	15	1.5
MATERNAL TRANSFERS	41	2.8	62	3.1	35	1.5	82	3.5	18	1.8
HOME DELIVERIES	11	0.7	13	0.7	14	0.6	5	0.2	4	0.4
CESAREAN DELIVERIES	360	24.3	470	23.6	725	30.2	648	27.3	215	22.0
MATERNAL RISK FACTORS										
SMOKED DURING PREGNANCY	444	30.0	539	27.1	633	26.4	744	31.3	351	35.9
DRANK ALCOHOL DURING PREG	28	1.9	32	1.6	31	1.3	55	2.3	24	2.5
GT 15 PERCENT UNDERWEIGHT	152	10.4	197	10.0	233	9.8	258	12.0	113	11.8
GT 20 PERCENT OVERWEIGHT	338	22.8	419	21.0	505	21.0	485	20.4	253	25.9
GAINED LT 20 LBS DURING PREG	225	15.4	287	14.7	305	12.8	403	17.3	154	16.1
MATERNAL EDUCATION UNDER 12	428	28.9	455	22.8	521	21.7	854	36.0	282	28.9
OUT-OF-WEDLOCK BIRTHS	341	23.0	368	18.5	514	21.4	850	35.8	244	25.0
LIVE BIRTH ORDER 4 OR MORE	129	8.7	154	7.7	175	7.3	229	9.6	67	6.9
LT 18 MOS SINCE LAST BIRTH	96	11.0	135	11.7	157	11.5	254	17.8	81	13.9
PRENATAL CARE										
1ST TRIMESTER	1,015	68.5	1,541	77.4	1,771	73.7	1,500	63.2	674	69.0
2ND TRIMESTER	363	24.5	338	17.0	521	21.7	653	27.5	243	24.9
3RD TRIMESTER	71	4.8	77	3.9	71	3.0	120	5.1	48	4.9
NO PRENATAL CARE	18	1.2	15	0.8	32	1.3	58	2.4	6	0.6
INADEQUATE PRENATAL CARE	312	21.4	357	18.5	423	17.7	622	26.8	255	26.5
MOTHER MEDICAID PARTICIPANT	496	33.6	484	24.4	694	29.0	1,181	54.7	517	53.4
MOTHER WIC PARTICIPANT	659	44.6	793	40.0	959	40.1	1,343	62.1	563	58.1
MOTHER ON MEDICAID AND WIC	416	28.2	371	18.7	548	22.9	1,045	48.4	426	44.0
MOTHER FOOD STAMP RECIPIENT	354	24.0	269	13.6	401	16.8	787	36.4	338	34.9
AGE OF MOTHER										
UNDER 15	2	0.1	1	0.1	4	0.2	13	0.5	2	0.2
15-17	106	7.2	99	5.0	138	5.7	205	8.6	71	7.3
18-19	169	11.4	198	9.9	276	11.5	336	14.1	118	12.1
20-24	481	32.5	705	35.4	758	31.6	833	35.1	342	35.0
25-29	444	30.0	606	30.4	712	29.6	609	25.6	251	25.7
30-34	199	13.4	288	14.5	378	15.7	278	11.7	141	14.4
35-39	71	4.8	84	4.2	115	4.8	81	3.4	42	4.3
40 AND OVER	8	0.5	8	0.4	21	0.9	15	0.6	10	1.0

TABLE 10B RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	ADAIR		ANDREW		ATCHISON		AUDRAIN		BARRY		BARTON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	291	100.0	185	100.0	83	100.0	280	100.0	328	100.0	147	100.0
UNDER 2500 GRAMS	11	3.8	7	3.8	4	4.8	13	4.6	15	4.6	7	4.8
OVER 4499 GRAMS	4	1.4	7	3.8	0	0.0	2	0.7	5	1.5	8	5.4
CROWN HEEL LT 47 CM (<18.5 IN)	10	3.5	5	2.7	5	7.5	21	7.6	9	3.7	11	7.7
LESS THAN 37 WEEKS GESTATION	17	5.8	13	7.0	5	6.0	23	8.2	32	9.8	4	2.7
APGAR SCORE LESS THAN 8	25	8.6	6	3.2	7	8.4	7	2.5	11	3.4	4	2.7
CONGENITAL ANOMALIES	8	2.7	3	1.6	2	2.4	5	1.8	5	1.5	5	3.4
ABNORMAL CONDITIONS OF NEWBORN	66	22.7	3	1.6	3	3.6	24	8.6	19	5.8	17	11.6
INFANT TRANSFERS	6	2.1	2	1.1	1	1.2	3	1.1	3	0.9	7	4.8
MATERNAL TRANSFERS	12	4.1	4	2.2	1	1.2	9	3.2	10	3.0	3	2.0
HOME DELIVERIES	2	0.7	1	0.5	0	0.0	8	2.9	5	1.5	1	0.7
CESAREAN DELIVERIES	73	25.1	32	17.3	12	14.5	58	20.7	69	21.0	56	38.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	77	26.5	36	19.5	20	24.1	79	28.2	74	22.6	38	25.9
DRANK ALCOHOL DURING PREG	6	2.1	6	3.2	2	2.4	7	2.5	8	2.4	2	1.4
GT 15 PERCENT UNDERWEIGHT	33	11.7	13	7.0	3	4.5	25	9.3	29	11.8	15	10.6
GT 20 PERCENT OVERWEIGHT	78	27.7	38	20.5	11	16.4	77	28.7	56	22.8	42	29.6
GAINED LT 20 LBS DURING PREG	44	15.2	27	14.6	8	10.4	57	21.9	52	16.1	27	19.3
MATERNAL EDUCATION UNDER 12	42	14.4	32	17.3	15	18.1	65	23.2	82	25.0	25	17.0
OUT-OF-WEDLOCK BIRTHS	52	17.9	25	13.5	18	21.7	74	26.4	55	16.8	17	11.6
LIVE BIRTH ORDER 4 OR MORE	20	6.9	9	4.9	8	9.6	25	8.9	24	7.3	18	12.2
LT 18 MOS SINCE LAST BIRTH	18	11.2	11	10.4	2	3.7	12	7.4	22	11.5	10	10.4
PRENATAL CARE												
1ST TRIMESTER	236	81.1	155	83.8	71	85.5	202	72.1	249	75.9	128	87.1
2ND TRIMESTER	44	15.1	25	13.5	11	13.3	50	17.9	55	16.8	10	6.8
3RD TRIMESTER	7	2.4	5	2.7	0	0.0	17	6.1	11	3.4	7	4.8
NO PRENATAL CARE	1	0.3	0	0.0	1	1.2	3	1.1	10	3.0	0	0.0
INADEQUATE PRENATAL CARE	44	15.4	21	11.4	7	8.5	56	21.5	61	18.9	15	10.5
MOTHER MEDICAID PARTICIPANT	88	30.4	39	21.3	23	34.8	86	30.7	69	28.2	35	24.6
MOTHER WIC PARTICIPANT	113	39.1	54	29.5	35	53.0	111	39.6	105	42.9	57	40.1
MOTHER ON MEDICAID AND WIC	76	26.3	36	19.7	22	33.3	81	28.9	56	22.9	23	16.2
MOTHER FOOD STAMP RECIPIENT	62	21.5	23	12.6	15	22.7	67	23.9	40	16.3	21	14.8
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0
15-17	9	3.1	6	3.2	1	1.2	14	5.0	18	5.5	3	2.0
18-19	25	8.6	15	8.1	7	8.4	30	10.7	36	11.0	8	5.4
20-24	108	37.1	54	29.2	27	32.5	79	28.2	105	32.0	58	39.5
25-29	78	26.8	71	38.4	25	30.1	89	31.8	110	33.5	47	32.0
30-34	50	17.2	34	18.4	12	14.5	50	17.9	37	11.3	22	15.0
35-39	18	6.2	5	2.7	6	7.2	14	5.0	19	5.8	7	4.8
40 AND OVER	3	1.0	0	0.0	0	0.0	4	1.4	0	0.0	1	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	BATES		BENTON		BOLLINGER		BOONE		BUCHANAN		BUTLER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	196	100.0	137	100.0	158	100.0	1,712	100.0	1,248	100.0	510	100.0
UNDER 2500 GRAMS	21	10.7	10	7.3	10	6.3	117	6.8	68	5.4	33	6.5
OVER 4499 GRAMS	1	0.5	1	0.7	3	1.9	25	1.5	28	2.2	7	1.4
CROWN HEEL LT 47 CM (<18.5 IN)	21	11.9	5	3.6	16	10.1	125	7.4	50	4.1	37	7.3
LESS THAN 37 WEEKS GESTATION	14	7.1	13	9.5	11	7.0	163	9.5	92	7.4	36	7.1
APGAR SCORE LESS THAN 8	16	8.2	9	6.6	7	4.4	64	3.7	37	3.0	34	6.7
CONGENITAL ANOMALIES	5	2.6	4	2.9	6	3.8	22	1.3	20	1.6	6	1.2
ABNORMAL CONDITIONS OF NEWBORN	7	3.6	6	4.4	14	8.9	84	4.9	30	2.4	42	8.2
INFANT TRANSFERS	5	2.6	3	2.2	9	5.7	16	0.9	19	1.5	8	1.6
MATERNAL TRANSFERS	16	8.2	5	3.6	2	1.3	22	1.3	29	2.3	7	1.4
HOME DELIVERIES	1	0.5	1	0.7	1	0.6	5	0.3	0	0.0	0	0.0
CESAREAN DELIVERIES	52	26.5	33	24.1	49	31.0	372	21.7	188	15.1	104	20.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	50	25.5	35	25.5	35	22.2	338	19.7	419	33.6	168	32.9
DRANK ALCOHOL DURING PREG	6	3.1	5	3.6	0	0.0	36	2.1	44	3.5	15	2.9
GT 15 PERCENT UNDERWEIGHT	21	11.3	9	6.6	10	6.4	148	9.3	121	9.8	58	11.5
GT 20 PERCENT OVERWEIGHT	44	23.7	26	19.1	42	26.8	295	18.6	280	22.6	122	24.3
GAINED LT 20 LBS DURING PREG	31	17.3	12	8.8	29	18.5	174	11.5	198	16.1	86	17.2
MATERNAL EDUCATION UNDER 12	44	22.4	40	29.2	38	24.1	211	12.3	327	26.2	140	27.5
OUT-OF-WEDLOCK BIRTHS	48	24.5	27	19.7	16	10.1	376	22.0	368	29.5	140	27.5
LIVE BIRTH ORDER 4 OR MORE	15	7.7	15	10.9	18	11.4	108	6.3	93	7.5	19	3.7
LT 18 MOS SINCE LAST BIRTH	14	12.1	10	11.9	10	10.9	98	10.7	112	15.1	38	12.4
PRENATAL CARE												
1ST TRIMESTER	146	74.5	100	73.0	114	72.2	1,335	78.0	1,022	81.9	353	69.2
2ND TRIMESTER	37	18.9	33	24.1	39	24.7	232	13.6	183	14.7	120	23.5
3RD TRIMESTER	7	3.6	3	2.2	1	0.6	58	3.4	31	2.5	29	5.7
NO PRENATAL CARE	1	0.5	1	0.7	4	2.5	9	0.5	9	0.7	5	1.0
INADEQUATE PRENATAL CARE	32	17.3	25	18.4	29	18.4	210	14.6	192	15.5	129	25.7
MOTHER MEDICAID PARTICIPANT	74	43.8	62	45.3	39	24.7	342	20.0	443	36.1	256	50.5
MOTHER WIC PARTICIPANT	72	42.6	76	55.5	72	45.6	407	23.9	383	31.2	255	50.3
MOTHER ON MEDICAID AND WIC	62	36.7	55	40.1	31	19.6	274	16.1	321	26.1	204	40.2
MOTHER FOOD STAMP RECIPIENT	41	24.3	39	28.5	19	12.0	253	14.8	297	24.2	149	29.4
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.7	0	0.0	2	0.1	3	0.2	2	0.4
15-17	6	3.1	5	3.6	9	5.7	52	3.0	79	6.3	35	6.9
18-19	28	14.3	21	15.3	17	10.8	103	6.0	149	11.9	57	11.2
20-24	70	35.7	45	32.8	45	28.5	396	23.1	397	31.8	179	35.1
25-29	61	31.1	42	30.7	45	28.5	613	35.8	379	30.4	141	27.6
30-34	23	11.7	21	15.3	31	19.6	404	23.6	177	14.2	71	13.9
35-39	6	3.1	1	0.7	9	5.7	128	7.5	54	4.3	20	3.9
40 AND OVER	2	1.0	1	0.7	2	1.3	13	0.8	10	0.8	5	1.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	CALDWELL		CALLAWAY		CAMDEN		CAPE GIRARDEAU		CARROLL		CARTER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	106	100.0	464	100.0	345	100.0	854	100.0	156	100.0	77	100.0
UNDER 2500 GRAMS	9	8.5	39	8.4	25	7.2	61	7.1	5	3.2	2	2.6
OVER 4499 GRAMS	4	3.8	9	1.9	5	1.4	14	1.6	2	1.3	0	0.0
CROWN HEEL LT 47 CM (<18.5 IN)	10	9.6	31	6.8	24	7.0	97	11.4	12	7.7	2	2.6
LESS THAN 37 WEEKS GESTATION	12	11.3	44	9.5	30	8.7	71	8.3	10	6.4	6	7.8
APGAR SCORE LESS THAN 8	2	1.9	17	3.7	24	7.0	34	4.0	3	1.9	2	2.6
CONGENITAL ANOMALIES	2	1.9	18	3.9	11	3.2	14	1.6	2	1.3	1	1.3
ABNORMAL CONDITIONS OF NEWBORN	2	1.9	54	11.6	20	5.8	51	6.0	11	7.1	6	7.8
INFANT TRANSFERS	2	1.9	13	2.8	7	2.0	18	2.1	3	1.9	1	1.3
MATERNAL TRANSFERS	5	4.7	12	2.6	17	4.9	12	1.4	4	2.6	1	1.3
HOME DELIVERIES	5	4.7	4	0.9	6	1.7	6	0.7	0	0.0	2	2.6
CESAREAN DELIVERIES	21	19.8	115	24.8	104	30.1	260	30.4	23	14.7	25	32.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	35	33.0	128	27.6	109	31.6	156	18.3	45	28.8	31	40.3
DRANK ALCOHOL DURING PREG	0	0.0	17	3.7	10	2.9	12	1.4	4	2.6	4	5.2
GT 15 PERCENT UNDERWEIGHT	3	2.9	50	11.1	29	8.6	86	10.1	18	11.9	6	7.8
GT 20 PERCENT OVERWEIGHT	23	22.3	110	24.4	70	20.8	173	20.4	36	23.8	22	28.6
GAINED LT 20 LBS DURING PREG	17	16.5	61	13.9	44	13.1	97	11.4	18	11.8	8	10.4
MATERNAL EDUCATION UNDER 12	24	22.6	90	19.4	76	22.0	124	14.5	43	27.6	18	23.4
OUT-OF-WEDLOCK BIRTHS	22	20.8	94	20.3	59	17.1	195	22.8	25	16.0	24	31.2
LIVE BIRTH ORDER 4 OR MORE	14	13.2	35	7.5	28	8.1	50	5.9	19	12.2	8	10.4
LT 18 MOS SINCE LAST BIRTH	5	7.2	30	11.0	15	7.8	55	11.5	10	9.8	3	6.1
PRENATAL CARE												
1ST TRIMESTER	85	80.2	327	70.5	270	78.3	678	79.4	127	81.4	56	72.7
2ND TRIMESTER	10	9.4	89	19.2	53	15.4	141	16.5	25	16.0	18	23.4
3RD TRIMESTER	2	1.9	19	4.1	12	3.5	21	2.5	2	1.3	3	3.9
NO PRENATAL CARE	5	4.7	12	2.6	5	1.4	14	1.6	0	0.0	0	0.0
INADEQUATE PRENATAL CARE	20	19.6	118	25.8	61	18.8	106	12.4	19	12.5	15	19.5
MOTHER MEDICAID PARTICIPANT	29	27.9	118	25.5	101	29.4	204	23.9	53	34.2	37	48.1
MOTHER WIC PARTICIPANT	48	46.2	142	30.7	154	44.9	201	23.6	67	43.2	50	64.9
MOTHER ON MEDICAID AND WIC	25	24.0	93	20.1	84	24.5	129	15.1	46	29.7	35	45.5
MOTHER FOOD STAMP RECIPIENT	17	16.3	78	16.9	46	13.4	105	12.3	38	24.5	26	33.8
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.2	0	0.0	2	0.2	0	0.0	0	0.0
15-17	4	3.8	19	4.1	16	4.6	32	3.7	6	3.8	3	3.9
18-19	10	9.4	46	9.9	28	8.1	83	9.7	19	12.2	7	9.1
20-24	26	24.5	123	26.5	109	31.6	263	30.8	41	26.3	30	39.0
25-29	39	36.8	152	32.8	103	29.9	262	30.7	47	30.1	20	26.0
30-34	19	17.9	88	19.0	64	18.6	156	18.3	30	19.2	12	15.6
35-39	4	3.8	28	6.0	24	7.0	48	5.6	11	7.1	5	6.5
40 AND OVER	4	3.8	7	1.5	1	0.3	8	0.9	2	1.3	0	0.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	CASS		CEDAR		CHARITON		CHRISTIAN		CLARK		CLAY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	921	100.0	160	100.0	114	100.0	460	100.0	91	100.0	2,318	100.0
UNDER 2500 GRAMS	39	4.2	9	5.6	12	10.5	27	5.9	11	12.1	142	6.1
OVER 4499 GRAMS	30	3.3	4	2.5	2	1.8	8	1.7	2	2.2	39	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	49	5.8	11	7.1	12	10.6	25	5.5	1	9.1	130	5.9
LESS THAN 37 WEEKS GESTATION	67	7.3	18	11.3	13	11.4	32	7.0	9	9.9	184	7.9
APGAR SCORE LESS THAN 8	26	2.8	21	13.1	9	7.9	10	2.2	9	9.9	80	3.5
CONGENITAL ANOMALIES	16	1.7	3	1.9	0	0.0	6	1.3	3	3.3	37	1.6
ABNORMAL CONDITIONS OF NEWBORN	42	4.6	10	6.3	13	11.4	18	3.9	17	18.7	68	2.9
INFANT TRANSFERS	9	1.0	4	2.5	0	0.0	4	0.9	6	6.6	24	1.0
MATERNAL TRANSFERS	27	2.9	4	2.5	8	7.0	19	4.1	2	2.2	82	3.5
HOME DELIVERIES	2	0.2	1	0.6	0	0.0	2	0.4	1	1.1	10	0.4
CESAREAN DELIVERIES	176	19.1	40	25.0	30	26.3	115	25.0	24	26.4	565	24.4
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	246	26.7	35	21.9	28	24.6	107	23.3	26	28.6	551	23.8
DRANK ALCOHOL DURING PREG	29	3.1	2	1.3	3	2.6	8	1.7	1	1.1	73	3.1
GT 15 PERCENT UNDERWEIGHT	89	10.4	20	12.7	5	4.6	51	11.1	1	8.3	254	11.4
GT 20 PERCENT OVERWEIGHT	189	22.1	47	29.7	34	31.2	99	21.6	6	50.0	404	18.2
GAINED LT 20 LBS DURING PREG	105	12.3	22	14.2	22	20.2	56	12.2	16	21.6	217	9.8
MATERNAL EDUCATION UNDER 12	128	13.9	28	17.5	16	14.0	80	17.4	17	18.7	286	12.3
OUT-OF-WEDLOCK BIRTHS	144	15.6	33	20.6	17	14.9	64	13.9	18	19.8	406	17.5
LIVE BIRTH ORDER 4 OR MORE	76	8.3	15	9.4	13	11.4	32	7.0	11	12.1	145	6.3
LT 18 MOS SINCE LAST BIRTH	63	11.4	15	15.8	8	11.9	33	12.4	5	10.0	145	11.8
PRENATAL CARE												
1ST TRIMESTER	729	79.2	126	78.8	88	77.2	382	83.0	60	65.9	1,915	82.6
2ND TRIMESTER	141	15.3	30	18.8	19	16.7	66	14.3	21	23.1	290	12.5
3RD TRIMESTER	25	2.7	2	1.3	6	5.3	10	2.2	7	7.7	63	2.7
NO PRENATAL CARE	12	1.3	2	1.3	0	0.0	2	0.4	0	0.0	20	0.9
INADEQUATE PRENATAL CARE	129	14.8	20	12.5	24	21.8	59	12.9	19	22.6	252	11.4
MOTHER MEDICAID PARTICIPANT	165	19.7	62	40.3	29	25.7	94	20.5	3	23.1	282	12.8
MOTHER WIC PARTICIPANT	182	21.8	54	35.1	46	40.7	149	32.5	4	30.8	371	16.8
MOTHER ON MEDICAID AND WIC	115	13.8	38	24.7	24	21.2	82	17.9	2	15.4	188	8.5
MOTHER FOOD STAMP RECIPIENT	106	12.7	31	20.1	23	20.4	45	9.8	3	23.1	183	8.3
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1
15-17	24	2.6	10	6.3	0	0.0	26	5.7	2	2.2	68	2.9
18-19	85	9.2	17	10.6	8	7.0	35	7.6	13	14.3	171	7.4
20-24	303	32.9	57	35.6	38	33.3	120	26.1	32	35.2	575	24.8
25-29	305	33.1	31	19.4	42	36.8	148	32.2	27	29.7	869	37.5
30-34	155	16.8	30	18.8	20	17.5	95	20.7	11	12.1	480	20.7
35-39	43	4.7	13	8.1	6	5.3	34	7.4	4	4.4	135	5.8
40 AND OVER	5	0.5	2	1.3	0	0.0	2	0.4	0	0.0	16	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	CLINTON		COLE		COOPER		CRAWFORD		DADE		DALLAS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	221	100.0	943	100.0	188	100.0	286	100.0	116	100.0	158	100.0
UNDER 2500 GRAMS	17	7.7	51	5.4	7	3.7	25	8.7	7	6.0	14	8.9
OVER 4499 GRAMS	4	1.8	11	1.2	8	4.3	4	1.4	5	4.3	4	2.5
CROWN HEEL LT 47 CM (<18.5 IN)	13	6.0	56	6.0	10	5.3	18	6.3	8	7.0	12	7.7
LESS THAN 37 WEEKS GESTATION	17	7.7	68	7.2	12	6.4	19	6.6	9	7.8	13	8.2
APGAR SCORE LESS THAN 8	13	5.9	24	2.5	2	1.1	17	5.9	5	4.3	5	3.2
CONGENITAL ANOMALIES	3	1.4	20	2.1	4	2.1	5	1.7	3	2.6	3	1.9
ABNORMAL CONDITIONS OF NEWBORN	15	6.8	45	4.8	9	4.8	23	8.0	13	11.2	9	5.7
INFANT TRANSFERS	5	2.3	5	0.5	2	1.1	13	4.5	4	3.4	2	1.3
MATERNAL TRANSFERS	8	3.6	22	2.3	2	1.1	10	3.5	7	6.0	1	0.6
HOME DELIVERIES	0	0.0	2	0.2	8	4.3	0	0.0	0	0.0	1	0.6
CESAREAN DELIVERIES	42	19.0	204	21.6	35	18.6	91	31.8	33	28.4	43	27.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	64	29.0	195	20.7	36	19.1	93	32.5	27	23.3	43	27.2
DRANK ALCOHOL DURING PREG	5	2.3	14	1.5	5	2.7	9	3.1	2	1.7	3	1.9
GT 15 PERCENT UNDERWEIGHT	17	7.9	110	11.9	13	7.6	41	14.5	20	17.2	17	10.8
GT 20 PERCENT OVERWEIGHT	44	20.6	176	19.1	48	27.9	61	21.6	22	19.0	40	25.3
GAINED LT 20 LBS DURING PREG	28	13.1	124	13.6	20	12.7	44	15.7	9	7.8	23	14.6
MATERNAL EDUCATION UNDER 12	44	19.9	134	14.2	41	21.8	83	29.0	17	14.7	57	36.1
OUT-OF-WEDLOCK BIRTHS	42	19.0	177	18.8	35	18.6	64	22.4	17	14.7	26	16.5
LIVE BIRTH ORDER 4 OR MORE	25	11.3	64	6.8	14	7.4	24	8.4	10	8.6	23	14.6
LT 18 MOS SINCE LAST BIRTH	17	13.6	38	7.1	12	10.6	23	13.8	7	9.6	11	11.3
PRENATAL CARE												
1ST TRIMESTER	176	79.6	736	78.0	136	72.3	193	67.5	89	76.7	105	66.5
2ND TRIMESTER	34	15.4	145	15.4	33	17.6	68	23.8	20	17.2	41	25.9
3RD TRIMESTER	2	0.9	28	3.0	6	3.2	20	7.0	6	5.2	9	5.7
NO PRENATAL CARE	2	0.9	9	1.0	3	1.6	4	1.4	1	0.9	3	1.9
INADEQUATE PRENATAL CARE	34	16.0	122	13.8	32	19.9	66	23.4	24	20.7	34	21.7
MOTHER MEDICAID PARTICIPANT	45	20.9	134	14.3	34	18.1	93	32.6	32	27.6	45	28.5
MOTHER WIC PARTICIPANT	78	36.3	166	17.7	58	30.9	113	39.6	61	52.6	63	39.9
MOTHER ON MEDICAID AND WIC	39	18.1	104	11.1	30	16.0	72	25.3	28	24.1	36	22.8
MOTHER FOOD STAMP RECIPIENT	32	14.9	91	9.7	25	13.3	65	22.8	18	15.5	25	15.8
AGE OF MOTHER												
UNDER 15	0	0.0	3	0.3	0	0.0	0	0.0	0	0.0	0	0.0
15-17	13	5.9	35	3.7	7	3.7	22	7.7	2	1.7	5	3.2
18-19	13	5.9	57	6.0	16	8.5	29	10.1	14	12.1	18	11.4
20-24	70	31.7	262	27.8	51	27.1	99	34.6	44	37.9	58	36.7
25-29	77	34.8	348	36.9	67	35.6	80	28.0	37	31.9	40	25.3
30-34	33	14.9	182	19.3	36	19.1	36	12.6	15	12.9	26	16.5
35-39	13	5.9	52	5.5	10	5.3	18	6.3	4	3.4	9	5.7
40 AND OVER	1	0.5	3	0.3	1	0.5	1	0.3	0	0.0	2	1.3

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	DAVIESS		DE KALB		DENT		DOUGLAS		DUNKLIN		FRANKLIN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	85	100.0	104	100.0	179	100.0	145	100.0	454	100.0	1,215	100.0
UNDER 2500 GRAMS	4	4.7	5	4.8	12	6.7	10	6.9	39	8.6	57	4.7
OVER 4499 GRAMS	0	0.0	0	0.0	5	2.8	4	2.8	7	1.5	26	2.1
CROWN HEEL LT 47 CM (<18.5 IN)	6	7.3	4	3.9	7	4.0	9	6.3	34	9.7	75	6.2
LESS THAN 37 WEEKS GESTATION	4	4.7	6	5.8	17	9.5	22	15.2	45	9.9	73	6.0
APGAR SCORE LESS THAN 8	3	3.5	3	2.9	10	5.6	9	6.2	30	6.6	37	3.0
CONGENITAL ANOMALIES	2	2.4	0	0.0	1	0.6	4	2.8	11	2.4	16	1.3
ABNORMAL CONDITIONS OF NEWBORN	3	3.5	6	5.8	6	3.4	14	9.7	46	10.1	54	4.4
INFANT TRANSFERS	3	3.5	2	1.9	2	1.1	3	2.1	12	2.6	17	1.4
MATERNAL TRANSFERS	5	5.9	6	5.8	4	2.2	10	6.9	17	3.7	17	1.4
HOME DELIVERIES	6	7.1	0	0.0	2	1.1	2	1.4	0	0.0	7	0.6
CESAREAN DELIVERIES	20	23.5	13	12.5	36	20.1	34	23.4	125	27.5	311	25.6
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	20	23.5	27	26.0	55	30.7	35	24.1	142	31.3	367	30.2
DRANK ALCOHOL DURING PREG	2	2.4	1	1.0	1	0.6	2	1.4	10	2.2	31	2.6
GT 15 PERCENT UNDERWEIGHT	13	15.7	11	10.9	19	10.7	12	8.5	48	13.4	110	9.1
GT 20 PERCENT OVERWEIGHT	18	21.7	23	22.8	44	24.7	34	23.9	74	20.7	292	24.3
GAINED LT 20 LBS DURING PREG	15	18.5	18	17.8	32	18.0	23	16.0	73	16.5	179	14.8
MATERNAL EDUCATION UNDER 12	30	35.3	12	11.5	55	30.7	48	33.1	200	44.1	291	24.0
OUT-OF-WEDLOCK BIRTHS	8	9.4	11	10.6	31	17.3	21	14.5	155	34.1	241	19.8
LIVE BIRTH ORDER 4 OR MORE	17	20.0	10	9.6	23	12.8	14	9.7	48	10.6	138	11.4
LT 18 MOS SINCE LAST BIRTH	11	20.8	7	10.4	18	16.2	16	19.3	57	22.1	82	11.4
PRENATAL CARE												
1ST TRIMESTER	57	67.1	82	78.8	127	70.9	104	71.7	297	65.4	974	80.2
2ND TRIMESTER	18	21.2	18	17.3	42	23.5	34	23.4	126	27.8	191	15.7
3RD TRIMESTER	9	10.6	4	3.8	6	3.4	4	2.8	22	4.8	28	2.3
NO PRENATAL CARE	1	1.2	0	0.0	4	2.2	2	1.4	7	1.5	18	1.5
INADEQUATE PRENATAL CARE	29	34.1	17	16.7	37	20.9	28	19.4	129	28.7	196	16.2
MOTHER MEDICAID PARTICIPANT	21	25.3	23	22.5	70	39.3	54	37.8	247	69.0	227	18.7
MOTHER WIC PARTICIPANT	39	47.0	35	34.3	90	50.6	78	54.5	257	71.8	328	27.1
MOTHER ON MEDICAID AND WIC	19	22.9	18	17.6	62	34.8	43	30.1	216	60.3	172	14.2
MOTHER FOOD STAMP RECIPIENT	15	18.1	16	15.7	49	27.5	30	21.0	177	49.4	145	12.0
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	0.6	1	0.7	5	1.1	0	0.0
15-17	4	4.7	2	1.9	14	7.8	11	7.6	41	9.0	46	3.8
18-19	4	4.7	11	10.6	38	21.2	17	11.7	80	17.6	95	7.8
20-24	22	25.9	36	34.6	55	30.7	61	42.1	157	34.6	383	31.5
25-29	32	37.6	29	27.9	46	25.7	30	20.7	112	24.7	396	32.6
30-34	18	21.2	19	18.3	17	9.5	19	13.1	47	10.4	214	17.6
35-39	4	4.7	7	6.7	7	3.9	3	2.1	10	2.2	69	5.7
40 AND OVER	1	1.2	0	0.0	1	0.6	2	1.4	1	0.2	12	1.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	GASCONADE		GENTRY		GREENE		GRUNDY		HARRISON		HENRY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	183	100.0	74	100.0	2,766	100.0	127	100.0	93	100.0	236	100.0
UNDER 2500 GRAMS	8	4.4	3	4.1	166	6.0	6	4.7	4	4.3	9	3.8
OVER 4499 GRAMS	3	1.6	1	1.4	50	1.8	2	1.6	3	3.2	8	3.4
CROWN HEEL LT 47 CM (<18.5 IN)	12	6.7	3	4.1	131	4.8	14	11.3	6	7.4	8	3.5
LESS THAN 37 WEEKS GESTATION	9	4.9	3	4.1	238	8.6	11	8.7	6	6.5	19	8.1
APGAR SCORE LESS THAN 8	4	2.2	3	4.1	76	2.7	5	3.9	3	3.2	15	6.4
CONGENITAL ANOMALIES	6	3.3	1	1.4	43	1.6	2	1.6	1	1.1	11	4.7
ABNORMAL CONDITIONS OF NEWBORN	8	4.4	2	2.7	117	4.2	11	8.7	3	3.2	15	6.4
INFANT TRANSFERS	5	2.7	2	2.7	8	0.3	5	3.9	2	2.2	5	2.1
MATERNAL TRANSFERS	5	2.7	1	1.4	81	2.9	5	3.9	4	4.3	4	1.7
HOME DELIVERIES	1	0.5	0	0.0	7	0.3	8	6.3	1	1.1	0	0.0
CESAREAN DELIVERIES	47	25.7	8	10.8	700	25.3	35	27.6	26	28.0	87	36.9
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	58	31.7	13	17.6	679	24.5	34	26.8	24	25.8	64	27.1
DRANK ALCOHOL DURING PREG	10	5.5	2	2.7	63	2.3	5	3.9	1	1.1	11	4.7
GT 15 PERCENT UNDERWEIGHT	18	10.2	3	4.1	324	11.8	11	8.7	3	3.7	25	10.7
GT 20 PERCENT OVERWEIGHT	35	19.9	18	24.3	518	18.9	30	23.6	26	32.1	63	26.9
GAINED LT 20 LBS DURING PREG	27	15.2	11	14.9	330	12.0	15	11.9	12	13.0	41	17.5
MATERNAL EDUCATION UNDER 12	39	21.3	12	16.2	488	17.6	27	21.3	9	9.7	46	19.5
OUT-OF-WEDLOCK BIRTHS	36	19.7	7	9.5	568	20.5	18	14.2	12	12.9	32	13.6
LIVE BIRTH ORDER 4 OR MORE	10	5.5	9	12.2	196	7.1	8	6.3	11	11.8	15	6.4
LT 18 MOS SINCE LAST BIRTH	9	7.5	5	11.1	165	11.2	11	15.1	7	11.5	23	15.8
PRENATAL CARE												
1ST TRIMESTER	132	72.1	59	79.7	2,160	78.1	108	85.0	79	84.9	195	82.6
2ND TRIMESTER	40	21.9	11	14.9	453	16.4	16	12.6	11	11.8	34	14.4
3RD TRIMESTER	5	2.7	2	2.7	92	3.3	1	0.8	2	2.2	6	2.5
NO PRENATAL CARE	2	1.1	2	2.7	43	1.6	1	0.8	0	0.0	1	0.4
INADEQUATE PRENATAL CARE	29	16.5	8	10.8	465	17.0	25	20.0	22	23.9	24	10.3
MOTHER MEDICAID PARTICIPANT	34	18.7	23	31.1	788	28.6	45	35.4	23	28.8	66	28.3
MOTHER WIC PARTICIPANT	66	36.3	39	52.7	890	32.3	54	42.5	40	50.0	92	39.5
MOTHER ON MEDICAID AND WIC	28	15.4	20	27.0	617	22.4	36	28.3	19	23.8	54	23.2
MOTHER FOOD STAMP RECIPIENT	22	12.1	11	14.9	435	15.8	29	22.8	13	16.3	39	16.7
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0
15-17	11	6.0	3	4.1	128	4.6	5	3.9	4	4.3	9	3.8
18-19	14	7.7	6	8.1	247	8.9	24	18.9	3	3.2	25	10.6
20-24	59	32.2	30	40.5	798	28.9	35	27.6	28	30.1	83	35.2
25-29	68	37.2	18	24.3	945	34.2	32	25.2	33	35.5	79	33.5
30-34	22	12.0	11	14.9	483	17.5	29	22.8	18	19.4	30	12.7
35-39	8	4.4	5	6.8	141	5.1	1	0.8	6	6.5	8	3.4
40 AND OVER	1	0.5	1	1.4	18	0.7	1	0.8	1	1.1	2	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	HICKORY		HOLT		HOWARD		HOWELL		IRON		JACKSON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	69	100.0	75	100.0	112	100.0	414	100.0	154	100.0	10,972	100.0
UNDER 2500 GRAMS	2	2.9	4	5.3	7	6.3	15	3.6	16	10.4	908	8.3
OVER 4499 GRAMS	0	0.0	0	0.0	1	0.9	9	2.2	5	3.2	166	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	3	4.3	4	5.3	7	6.4	17	4.2	12	7.8	892	8.7
LESS THAN 37 WEEKS GESTATION	3	4.3	3	4.0	8	7.1	29	7.0	15	9.7	1,184	10.8
APGAR SCORE LESS THAN 8	2	2.9	0	0.0	3	2.7	12	2.9	6	3.9	452	4.1
CONGENITAL ANOMALIES	2	2.9	3	4.0	2	1.8	3	0.7	2	1.3	141	1.3
ABNORMAL CONDITIONS OF NEWBORN	5	7.2	2	2.7	5	4.5	13	3.1	9	5.8	484	4.4
INFANT TRANSFERS	1	1.4	2	2.7	2	1.8	2	0.5	3	1.9	186	1.7
MATERNAL TRANSFERS	1	1.4	0	0.0	6	5.4	14	3.4	2	1.3	953	8.7
HOME DELIVERIES	0	0.0	0	0.0	0	0.0	5	1.2	1	0.6	26	0.2
CESAREAN DELIVERIES	18	26.1	10	13.3	18	16.1	102	24.6	54	35.1	2,118	19.3
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	27	39.1	17	22.7	24	21.4	130	31.4	50	32.5	2,758	25.1
DRANK ALCOHOL DURING PREG	0	0.0	1	1.3	1	0.9	17	4.1	3	1.9	525	4.8
GT 15 PERCENT UNDERWEIGHT	3	4.4	10	13.5	5	4.8	44	10.9	21	13.7	1,123	11.1
GT 20 PERCENT OVERWEIGHT	17	25.0	14	18.9	29	27.6	91	22.6	39	25.5	2,094	20.7
GAINED LT 20 LBS DURING PREG	10	14.7	7	9.5	14	14.3	62	15.0	21	13.7	1,202	12.1
MATERNAL EDUCATION UNDER 12	22	31.9	15	20.0	22	19.6	108	26.1	46	29.9	2,193	20.0
OUT-OF-WEDLOCK BIRTHS	14	20.3	14	18.7	25	22.3	67	16.2	32	20.8	4,130	37.6
LIVE BIRTH ORDER 4 OR MORE	12	17.4	10	13.3	16	14.3	39	9.4	14	9.1	1,097	10.0
LT 18 MOS SINCE LAST BIRTH	11	23.9	6	13.6	6	9.2	32	13.3	12	14.3	1,037	17.1
PRENATAL CARE												
1ST TRIMESTER	49	71.0	63	84.0	85	75.9	318	76.8	96	62.3	8,232	75.0
2ND TRIMESTER	17	24.6	12	16.0	18	16.1	79	19.1	46	29.9	1,710	15.6
3RD TRIMESTER	2	2.9	0	0.0	3	2.7	14	3.4	9	5.8	419	3.8
NO PRENATAL CARE	0	0.0	0	0.0	2	1.8	1	0.2	1	0.6	244	2.2
INADEQUATE PRENATAL CARE	11	16.2	7	9.3	14	14.3	80	19.5	47	30.9	1,987	19.9
MOTHER MEDICAID PARTICIPANT	36	52.2	25	33.3	33	29.5	178	44.1	68	44.2	2,980	29.2
MOTHER WIC PARTICIPANT	40	58.0	41	54.7	47	42.0	222	55.0	90	58.4	3,680	36.1
MOTHER ON MEDICAID AND WIC	33	47.8	23	30.7	31	27.7	139	34.4	63	40.9	2,322	22.8
MOTHER FOOD STAMP RECIPIENT	26	37.7	17	22.7	26	23.2	106	26.2	52	33.8	2,219	21.8
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	39	0.4
15-17	5	7.2	3	4.0	8	7.1	18	4.3	9	5.8	687	6.3
18-19	8	11.6	8	10.7	7	6.3	57	13.8	21	13.6	1,083	9.9
20-24	23	33.3	26	34.7	33	29.5	141	34.1	56	36.4	3,099	28.2
25-29	21	30.4	23	30.7	32	28.6	123	29.7	37	24.0	3,470	31.6
30-34	9	13.0	9	12.0	22	19.6	49	11.8	23	14.9	1,927	17.6
35-39	2	2.9	6	8.0	8	7.1	21	5.1	6	3.9	573	5.2
40 AND OVER	1	1.4	0	0.0	2	1.8	4	1.0	2	1.3	77	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	JASPER		JEFFERSON		JOHNSON		KNOX		LACLEDE		LAFAYETTE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	1,317	100.0	2,809	100.0	685	100.0	40	100.0	417	100.0	417	100.0
UNDER 2500 GRAMS	75	5.7	168	6.0	27	3.9	1	2.5	33	7.9	25	6.0
OVER 4499 GRAMS	25	1.9	61	2.2	19	2.8	1	2.5	5	1.2	9	2.2
CROWN HEEL LT 47 CM (<18.5 IN)	55	4.3	133	4.8	34	5.1	2	6.7	27	6.5	31	7.5
LESS THAN 37 WEEKS GESTATION	134	10.2	211	7.5	39	5.7	4	10.0	34	8.2	28	6.7
APGAR SCORE LESS THAN 8	38	2.9	51	1.8	22	3.2	2	5.0	18	4.3	14	3.4
CONGENITAL ANOMALIES	26	2.0	20	0.7	11	1.6	1	2.5	3	0.7	6	1.4
ABNORMAL CONDITIONS OF NEWBORN	138	10.5	117	4.2	43	6.3	5	12.5	29	7.0	19	4.6
INFANT TRANSFERS	27	2.1	45	1.6	12	1.8	0	0.0	5	1.2	7	1.7
MATERNAL TRANSFERS	41	3.1	37	1.3	32	4.7	3	7.5	14	3.4	15	3.6
HOME DELIVERIES	3	0.2	17	0.6	5	0.7	1	2.5	1	0.2	0	0.0
CESAREAN DELIVERIES	247	18.8	780	27.8	151	22.0	7	17.5	97	23.3	95	22.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	330	25.1	910	32.4	151	22.0	13	32.5	134	32.1	119	28.5
DRANK ALCOHOL DURING PREG	35	2.7	112	4.0	19	2.8	1	2.5	5	1.2	5	1.2
GT 15 PERCENT UNDERWEIGHT	168	13.2	254	9.1	75	11.2	4	12.9	45	10.9	50	12.4
GT 20 PERCENT OVERWEIGHT	264	20.8	579	20.8	157	23.4	6	19.4	95	22.9	108	26.7
GAINED LT 20 LBS DURING PREG	176	14.0	356	12.7	79	11.8	5	12.8	72	17.5	65	15.9
MATERNAL EDUCATION UNDER 12	333	25.3	500	17.8	95	13.9	10	25.0	116	27.8	95	22.8
OUT-OF-WEDLOCK BIRTHS	315	23.9	525	18.7	92	13.4	6	15.0	86	20.6	96	23.0
LIVE BIRTH ORDER 4 OR MORE	93	7.1	226	8.0	53	7.7	6	15.0	34	8.2	33	7.9
LT 18 MOS SINCE LAST BIRTH	105	14.5	185	11.1	48	12.1	2	6.7	24	9.7	33	14.3
PRENATAL CARE												
1ST TRIMESTER	928	70.5	2,387	85.0	528	77.1	31	77.5	317	76.0	315	75.5
2ND TRIMESTER	285	21.6	341	12.1	127	18.5	5	12.5	77	18.5	77	18.5
3RD TRIMESTER	58	4.4	43	1.5	17	2.5	1	2.5	19	4.6	14	3.4
NO PRENATAL CARE	37	2.8	16	0.6	7	1.0	3	7.5	1	0.2	4	1.0
INADEQUATE PRENATAL CARE	346	26.7	277	10.0	89	13.1	8	20.5	84	20.5	71	17.4
MOTHER MEDICAID PARTICIPANT	395	30.7	397	14.2	121	18.1	9	27.3	121	29.2	100	24.3
MOTHER WIC PARTICIPANT	476	37.0	667	23.9	228	34.0	11	33.3	150	36.1	105	25.5
MOTHER ON MEDICAID AND WIC	315	24.5	311	11.1	94	14.0	7	21.2	85	20.5	70	17.0
MOTHER FOOD STAMP RECIPIENT	243	18.9	250	8.9	87	13.0	7	21.2	65	15.7	55	13.4
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	81	6.2	86	3.1	13	1.9	2	5.0	27	6.5	23	5.5
18-19	147	11.2	199	7.1	56	8.2	4	10.0	51	12.2	41	9.8
20-24	439	33.3	760	27.1	274	40.0	14	35.0	144	34.5	151	36.2
25-29	367	27.9	1,086	38.7	225	32.8	12	30.0	127	30.5	129	30.9
30-34	204	15.5	514	18.3	80	11.7	7	17.5	44	10.6	52	12.5
35-39	54	4.1	142	5.1	31	4.5	1	2.5	22	5.3	19	4.6
40 AND OVER	9	0.7	21	0.7	5	0.7	0	0.0	1	0.2	2	0.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	LAWRENCE		LEWIS		LINCOLN		LINN		LIVINGSTON		MC DONALD	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	436	100.0	129	100.0	447	100.0	205	100.0	193	100.0	268	100.0
UNDER 2500 GRAMS	29	6.7	6	4.7	32	7.2	10	4.9	6	3.1	19	7.1
OVER 4499 GRAMS	7	1.6	2	1.6	9	2.0	1	0.5	7	3.6	7	2.6
CROWN HEEL LT 47 CM (<18.5 IN)	21	4.9	1	11.1	27	6.2	18	8.8	12	6.2	3	3.4
LESS THAN 37 WEEKS GESTATION	33	7.6	9	7.0	48	10.7	16	7.8	10	5.2	19	7.1
APGAR SCORE LESS THAN 8	11	2.5	0	0.0	12	2.7	5	2.4	4	2.1	7	2.6
CONGENITAL ANOMALIES	3	0.7	2	1.6	12	2.7	2	1.0	7	3.6	2	0.7
ABNORMAL CONDITIONS OF NEWBORN	23	5.3	5	3.9	49	11.0	12	5.9	9	4.7	11	4.1
INFANT TRANSFERS	0	0.0	0	0.0	17	3.8	5	2.4	4	2.1	3	1.1
MATERNAL TRANSFERS	22	5.0	1	0.8	16	3.6	14	6.8	3	1.6	3	1.1
HOME DELIVERIES	3	0.7	0	0.0	3	0.7	1	0.5	0	0.0	1	0.4
CESAREAN DELIVERIES	88	20.2	29	22.5	104	23.3	51	24.9	32	16.6	55	20.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	139	31.9	30	23.3	154	34.5	53	25.9	49	25.4	87	32.5
DRANK ALCOHOL DURING PREG	9	2.1	0	0.0	25	5.6	2	1.0	4	2.1	2	0.7
GT 15 PERCENT UNDERWEIGHT	49	11.5	1	11.1	41	9.3	16	8.0	15	7.8	10	11.2
GT 20 PERCENT OVERWEIGHT	90	21.1	3	33.3	91	20.7	50	25.0	45	23.4	17	19.1
GAINED LT 20 LBS DURING PREG	54	12.6	13	10.4	71	16.1	29	14.5	23	12.1	32	13.4
MATERNAL EDUCATION UNDER 12	101	23.2	20	15.5	98	21.9	41	20.0	29	15.0	89	33.2
OUT-OF-WEDLOCK BIRTHS	105	24.1	23	17.8	77	17.2	34	16.6	36	18.7	67	25.0
LIVE BIRTH ORDER 4 OR MORE	41	9.4	9	7.0	62	13.9	25	12.2	16	8.3	26	9.7
LT 18 MOS SINCE LAST BIRTH	26	9.9	5	6.7	33	11.4	14	10.9	13	10.9	30	19.0
PRENATAL CARE												
1ST TRIMESTER	321	73.6	99	76.7	334	74.7	162	79.0	163	84.5	177	66.0
2ND TRIMESTER	88	20.2	24	18.6	92	20.6	34	16.6	26	13.5	68	25.4
3RD TRIMESTER	16	3.7	1	0.8	15	3.4	6	2.9	2	1.0	11	4.1
NO PRENATAL CARE	9	2.1	1	0.8	5	1.1	2	1.0	2	1.0	7	2.6
INADEQUATE PRENATAL CARE	95	22.0	16	12.8	76	17.5	46	23.0	26	13.6	61	23.6
MOTHER MEDICAID PARTICIPANT	134	31.3	3	33.3	78	17.6	54	26.5	62	32.1	16	18.0
MOTHER WIC PARTICIPANT	166	38.8	1	11.1	108	24.4	66	32.4	85	44.0	30	33.7
MOTHER ON MEDICAID AND WIC	108	25.2	1	11.1	50	11.3	49	24.0	57	29.5	11	12.4
MOTHER FOOD STAMP RECIPIENT	76	17.8	1	11.1	60	13.6	39	19.1	38	19.7	5	5.6
AGE OF MOTHER												
UNDER 15	1	0.2	0	0.0	1	0.2	0	0.0	0	0.0	1	0.4
15-17	24	5.5	8	6.2	16	3.6	10	4.9	7	3.6	17	6.3
18-19	55	12.6	7	5.4	38	8.5	17	8.3	23	11.9	39	14.6
20-24	159	36.5	48	37.2	137	30.6	67	32.7	81	42.0	102	38.1
25-29	122	28.0	39	30.2	151	33.8	55	26.8	53	27.5	61	22.8
30-34	50	11.5	15	11.6	75	16.8	51	24.9	21	10.9	23	8.6
35-39	23	5.3	12	9.3	21	4.7	4	2.0	8	4.1	10	3.7
40 AND OVER	1	0.2	0	0.0	7	1.6	1	0.5	0	0.0	3	1.1

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	MACON		MADISON		MARIES		MARION		MERCER		MILLER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	159	100.0	131	100.0	80	100.0	403	100.0	36	100.0	308	100.0
UNDER 2500 GRAMS	11	6.9	7	5.3	7	8.8	32	7.9	4	11.1	20	6.5
OVER 4499 GRAMS	5	3.1	2	1.5	0	0.0	5	1.2	0	0.0	7	2.3
CROWN HEEL LT 47 CM (<18.5 IN)	14	8.8	4	3.1	4	5.1	20	7.0	6	18.8	20	6.6
LESS THAN 37 WEEKS GESTATION	11	6.9	10	7.6	9	11.3	29	7.2	5	13.9	34	11.0
APGAR SCORE LESS THAN 8	13	8.2	3	2.3	4	5.0	9	2.2	1	2.8	11	3.6
CONGENITAL ANOMALIES	3	1.9	1	0.8	1	1.3	8	2.0	0	0.0	7	2.3
ABNORMAL CONDITIONS OF NEWBORN	20	12.6	7	5.3	9	11.3	13	3.2	2	5.6	28	9.1
INFANT TRANSFERS	5	3.1	4	3.1	2	2.5	6	1.5	0	0.0	5	1.6
MATERNAL TRANSFERS	5	3.1	2	1.5	3	3.8	8	2.0	2	5.6	9	2.9
HOME DELIVERIES	0	0.0	1	0.8	2	2.5	0	0.0	0	0.0	2	0.6
CESAREAN DELIVERIES	42	26.4	37	28.2	17	21.3	76	18.9	9	25.0	68	22.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	49	30.8	49	37.4	10	12.5	121	30.0	8	22.2	91	29.5
DRANK ALCOHOL DURING PREG	4	2.5	1	0.8	1	1.3	8	2.0	2	5.6	9	2.9
GT 15 PERCENT UNDERWEIGHT	18	11.4	13	10.3	9	11.4	40	14.0	3	9.4	19	6.3
GT 20 PERCENT OVERWEIGHT	36	22.8	27	21.4	20	25.3	63	22.1	10	31.3	76	25.0
GAINED LT 20 LBS DURING PREG	14	8.9	19	15.1	11	14.1	40	10.4	10	27.8	52	17.6
MATERNAL EDUCATION UNDER 12	32	20.1	39	29.8	21	26.3	98	24.3	5	13.9	85	27.6
OUT-OF-WEDLOCK BIRTHS	36	22.6	27	20.6	16	20.0	98	24.3	3	8.3	64	20.8
LIVE BIRTH ORDER 4 OR MORE	10	6.3	7	5.3	7	8.8	27	6.7	3	8.3	26	8.4
LT 18 MOS SINCE LAST BIRTH	4	5.1	10	13.0	2	3.8	20	8.7	1	3.7	31	15.0
PRENATAL CARE												
1ST TRIMESTER	108	67.9	81	61.8	58	72.5	296	73.4	27	75.0	226	73.4
2ND TRIMESTER	41	25.8	44	33.6	15	18.8	88	21.8	9	25.0	57	18.5
3RD TRIMESTER	9	5.7	5	3.8	3	3.8	14	3.5	0	0.0	19	6.2
NO PRENATAL CARE	1	0.6	1	0.8	2	2.5	0	0.0	0	0.0	2	0.6
INADEQUATE PRENATAL CARE	40	25.6	32	24.4	12	15.6	78	19.8	4	11.1	63	21.5
MOTHER MEDICAID PARTICIPANT	46	29.1	49	37.7	16	20.3	98	33.9	9	28.1	102	33.4
MOTHER WIC PARTICIPANT	73	46.2	76	58.5	25	31.6	124	42.9	15	46.9	115	37.7
MOTHER ON MEDICAID AND WIC	41	25.9	41	31.5	15	19.0	87	30.1	9	28.1	76	24.9
MOTHER FOOD STAMP RECIPIENT	25	15.8	25	19.2	13	16.5	70	24.2	7	21.9	60	19.7
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.3
15-17	6	3.8	8	6.1	4	5.0	17	4.2	1	2.8	13	4.2
18-19	22	13.8	19	14.5	9	11.3	49	12.2	5	13.9	33	10.7
20-24	49	30.8	37	28.2	21	26.3	139	34.5	8	22.2	120	39.0
25-29	57	35.8	46	35.1	31	38.8	123	30.5	14	38.9	81	26.3
30-34	19	11.9	16	12.2	11	13.8	62	15.4	7	19.4	45	14.6
35-39	5	3.1	5	3.8	2	2.5	10	2.5	1	2.8	13	4.2
40 AND OVER	1	0.6	0	0.0	1	1.3	3	0.7	0	0.0	1	0.3

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	MISSISSIPPI		MONITEAU		MONROE		MONTGOMERY		MORGAN		NEW MADRID	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	222	100.0	167	100.0	111	100.0	163	100.0	189	100.0	297	100.0
UNDER 2500 GRAMS	22	9.9	14	8.4	4	3.6	8	4.9	13	6.9	26	8.8
OVER 4499 GRAMS	2	0.9	4	2.4	1	0.9	3	1.8	4	2.1	6	2.0
CROWN HEEL LT 47 CM (<18.5 IN)	24	10.9	18	11.2	6	5.9	10	6.2	16	8.6	27	9.4
LESS THAN 37 WEEKS GESTATION	25	11.3	10	6.0	8	7.2	10	6.1	13	6.9	36	12.1
APGAR SCORE LESS THAN 8	9	4.1	14	8.4	3	2.7	5	3.1	2	1.1	5	1.7
CONGENITAL ANOMALIES	3	1.4	7	4.2	4	3.6	2	1.2	4	2.1	6	2.0
ABNORMAL CONDITIONS OF NEWBORN	11	5.0	9	5.4	5	4.5	11	6.7	6	3.2	18	6.1
INFANT TRANSFERS	8	3.6	2	1.2	2	1.8	4	2.5	0	0.0	5	1.7
MATERNAL TRANSFERS	15	6.8	1	0.6	2	1.8	2	1.2	4	2.1	11	3.7
HOME DELIVERIES	0	0.0	10	6.0	3	2.7	0	0.0	4	2.1	0	0.0
CESAREAN DELIVERIES	59	26.6	44	26.3	27	24.3	38	23.3	38	20.1	86	29.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	68	30.6	32	19.2	20	18.0	46	28.2	48	25.4	86	29.0
DRANK ALCOHOL DURING PREG	4	1.8	0	0.0	1	0.9	15	9.2	3	1.6	7	2.4
GT 15 PERCENT UNDERWEIGHT	25	11.4	16	9.7	5	5.0	13	8.1	18	9.6	35	12.1
GT 20 PERCENT OVERWEIGHT	45	20.5	36	21.8	28	28.0	38	23.6	35	18.7	65	22.5
GAINED LT 20 LBS DURING PREG	31	14.1	27	16.7	14	13.3	26	16.8	20	11.1	61	21.0
MATERNAL EDUCATION UNDER 12	72	32.4	43	25.7	16	14.4	38	23.3	64	33.9	96	32.3
OUT-OF-WEDLOCK BIRTHS	115	51.8	20	12.0	13	11.7	32	19.6	33	17.5	112	37.7
LIVE BIRTH ORDER 4 OR MORE	23	10.4	15	9.0	21	18.9	11	6.7	22	11.6	16	5.4
LT 18 MOS SINCE LAST BIRTH	23	18.4	11	12.1	8	10.7	5	5.0	14	12.5	35	20.5
PRENATAL CARE												
1ST TRIMESTER	118	53.2	119	71.3	88	79.3	122	74.8	138	73.0	166	55.9
2ND TRIMESTER	61	27.5	36	21.6	14	12.6	32	19.6	39	20.6	89	30.0
3RD TRIMESTER	18	8.1	7	4.2	5	4.5	7	4.3	6	3.2	24	8.1
NO PRENATAL CARE	11	5.0	1	0.6	2	1.8	0	0.0	2	1.1	8	2.7
INADEQUATE PRENATAL CARE	68	32.7	31	19.7	21	19.8	27	17.6	36	19.9	92	32.2
MOTHER MEDICAID PARTICIPANT	147	66.8	20	12.1	17	16.5	42	25.8	53	28.0	151	52.1
MOTHER WIC PARTICIPANT	150	68.2	39	23.6	43	41.7	53	32.5	76	40.2	174	60.0
MOTHER ON MEDICAID AND WIC	130	59.1	11	6.7	17	16.5	34	20.9	44	23.3	132	45.5
MOTHER FOOD STAMP RECIPIENT	91	41.4	8	4.8	13	12.6	30	18.4	34	18.0	97	33.4
AGE OF MOTHER												
UNDER 15	2	0.9	0	0.0	0	0.0	0	0.0	0	0.0	1	0.3
15-17	23	10.4	5	3.0	1	0.9	3	1.8	12	6.3	21	7.1
18-19	26	11.7	16	9.6	7	6.3	10	6.1	16	8.5	45	15.2
20-24	88	39.6	55	32.9	31	27.9	64	39.3	67	35.4	111	37.4
25-29	42	18.9	58	34.7	42	37.8	57	35.0	67	35.4	71	23.9
30-34	31	14.0	26	15.6	23	20.7	23	14.1	21	11.1	39	13.1
35-39	8	3.6	6	3.6	3	2.7	5	3.1	5	2.6	7	2.4
40 AND OVER	1	0.5	1	0.6	4	3.6	1	0.6	1	0.5	2	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	NEWTON		NODAWAY		OREGON		OSAGE		OZARK		PEMISCOT	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	659	100.0	255	100.0	103	100.0	148	100.0	74	100.0	410	100.0
UNDER 2500 GRAMS	30	4.6	11	4.3	5	4.9	7	4.7	6	8.1	44	10.7
OVER 4499 GRAMS	3	0.5	2	0.8	3	2.9	6	4.1	1	1.4	6	1.5
CROWN HEEL LT 47 CM (<18.5 IN)	19	3.1	12	5.0	7	7.4	9	6.1	1	2.0	34	11.0
LESS THAN 37 WEEKS GESTATION	46	7.0	11	4.3	11	10.7	10	6.8	5	6.8	46	11.2
APGAR SCORE LESS THAN 8	14	2.1	3	1.2	2	1.9	5	3.4	4	5.4	22	5.4
CONGENITAL ANOMALIES	9	1.4	3	1.2	1	1.0	0	0.0	2	2.7	9	2.2
ABNORMAL CONDITIONS OF NEWBORN	52	7.9	7	2.7	5	4.9	7	4.7	6	8.1	45	11.0
INFANT TRANSFERS	12	1.8	1	0.4	0	0.0	1	0.7	1	1.4	8	2.0
MATERNAL TRANSFERS	18	2.7	6	2.4	1	1.0	2	1.4	4	5.4	7	1.7
HOME DELIVERIES	9	1.4	1	0.4	1	1.0	1	0.7	3	4.1	2	0.5
CESAREAN DELIVERIES	142	21.5	38	14.9	21	20.4	25	16.9	13	17.6	94	22.9
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	138	20.9	47	18.4	33	32.0	26	17.6	24	32.4	135	32.9
DRANK ALCOHOL DURING PREG	12	1.8	1	0.4	1	1.0	0	0.0	4	5.4	19	4.6
GT 15 PERCENT UNDERWEIGHT	67	10.8	16	6.6	15	16.0	9	6.1	6	11.8	34	11.0
GT 20 PERCENT OVERWEIGHT	137	22.1	55	22.8	18	19.1	29	19.7	10	19.6	85	27.6
GAINED LT 20 LBS DURING PREG	84	13.4	37	14.9	12	11.8	33	22.4	8	11.0	99	24.6
MATERNAL EDUCATION UNDER 12	162	24.6	24	9.4	31	30.1	15	10.1	18	24.3	196	47.8
OUT-OF-WEDLOCK BIRTHS	113	17.1	36	14.1	18	17.5	14	9.5	15	20.3	217	52.9
LIVE BIRTH ORDER 4 OR MORE	54	8.2	34	13.3	3	2.9	16	10.8	8	10.8	73	17.8
LT 18 MOS SINCE LAST BIRTH	48	12.7	17	11.7	4	6.3	12	13.3	6	14.0	66	24.7
PRENATAL CARE												
1ST TRIMESTER	483	73.3	219	85.9	81	78.6	120	81.1	39	52.7	249	60.7
2ND TRIMESTER	129	19.6	31	12.2	18	17.5	24	16.2	27	36.5	138	33.7
3RD TRIMESTER	31	4.7	3	1.2	2	1.9	2	1.4	3	4.1	17	4.1
NO PRENATAL CARE	14	2.1	1	0.4	2	1.9	1	0.7	5	6.8	6	1.5
INADEQUATE PRENATAL CARE	145	22.3	29	11.5	24	23.3	13	9.2	24	33.3	118	28.9
MOTHER MEDICAID PARTICIPANT	156	25.1	57	23.5	57	60.6	10	6.8	32	62.7	256	82.8
MOTHER WIC PARTICIPANT	251	40.4	103	42.4	65	69.1	18	12.2	31	60.8	267	86.4
MOTHER ON MEDICAID AND WIC	134	21.6	49	20.2	48	51.1	3	2.0	25	49.0	237	76.7
MOTHER FOOD STAMP RECIPIENT	103	16.6	35	14.4	33	35.1	8	5.4	20	39.2	198	64.1
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.5
15-17	24	3.6	11	4.3	5	4.9	4	2.7	0	0.0	52	12.7
18-19	78	11.8	16	6.3	21	20.4	7	4.7	11	14.9	62	15.1
20-24	241	36.6	81	31.8	35	34.0	41	27.7	30	40.5	153	37.3
25-29	174	26.4	101	39.6	30	29.1	63	42.6	18	24.3	84	20.5
30-34	91	13.8	27	10.6	10	9.7	19	12.8	11	14.9	38	9.3
35-39	35	5.3	18	7.1	1	1.0	11	7.4	3	4.1	17	4.1
40 AND OVER	2	0.3	1	0.4	1	1.0	3	2.0	1	1.4	2	0.5

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	PERRY		PETTIS		PHELPS		PIKE		PLATTE		POLK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	220	100.0	502	100.0	451	100.0	225	100.0	841	100.0	282	100.0
UNDER 2500 GRAMS	11	5.0	31	6.2	31	6.9	17	7.6	55	6.5	10	3.5
OVER 4499 GRAMS	7	3.2	10	2.0	9	2.0	2	0.9	14	1.7	6	2.1
CROWN HEEL LT 47 CM (<18.5 IN)	16	7.5	31	6.3	22	4.9	16	7.5	36	4.9	9	3.2
LESS THAN 37 WEEKS GESTATION	10	4.5	47	9.4	30	6.7	25	11.1	55	6.5	20	7.1
APGAR SCORE LESS THAN 8	3	1.4	18	3.6	27	6.0	7	3.1	28	3.3	9	3.2
CONGENITAL ANOMALIES	1	0.5	8	1.6	5	1.1	4	1.8	17	2.0	2	0.7
ABNORMAL CONDITIONS OF NEWBORN	14	6.4	30	6.0	19	4.2	17	7.6	34	4.0	15	5.3
INFANT TRANSFERS	5	2.3	8	1.6	11	2.4	11	4.9	10	1.2	3	1.1
MATERNAL TRANSFERS	3	1.4	13	2.6	14	3.1	7	3.1	30	3.6	5	1.8
HOME DELIVERIES	2	0.9	8	1.6	5	1.1	5	2.2	3	0.4	1	0.4
CESAREAN DELIVERIES	58	26.4	128	25.5	83	18.4	42	18.7	222	26.4	72	25.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	65	29.5	151	30.1	115	25.5	58	25.8	194	23.1	69	24.5
DRANK ALCOHOL DURING PREG	0	0.0	25	5.0	2	0.4	4	1.8	30	3.6	7	2.5
GT 15 PERCENT UNDERWEIGHT	14	6.5	61	12.3	34	7.6	18	8.3	71	8.9	35	12.5
GT 20 PERCENT OVERWEIGHT	40	18.6	121	24.4	97	21.7	50	23.1	140	17.6	67	24.0
GAINED LT 20 LBS DURING PREG	23	10.5	68	13.9	64	14.3	46	21.1	75	9.4	45	16.1
MATERNAL EDUCATION UNDER 12	46	20.9	120	23.9	96	21.3	65	28.9	77	9.2	60	21.3
OUT-OF-WEDLOCK BIRTHS	43	19.5	111	22.1	92	20.4	55	24.4	119	14.1	43	15.2
LIVE BIRTH ORDER 4 OR MORE	14	6.4	49	9.8	32	7.1	28	12.4	55	6.5	33	11.7
LT 18 MOS SINCE LAST BIRTH	18	12.2	34	11.7	19	8.1	10	7.4	39	9.0	18	10.7
PRENATAL CARE												
1ST TRIMESTER	186	84.5	391	77.9	315	69.8	146	64.9	724	86.1	200	70.9
2ND TRIMESTER	28	12.7	91	18.1	109	24.2	54	24.0	78	9.3	67	23.8
3RD TRIMESTER	5	2.3	10	2.0	20	4.4	15	6.7	18	2.1	12	4.3
NO PRENATAL CARE	1	0.5	5	1.0	2	0.4	8	3.6	7	0.8	2	0.7
INADEQUATE PRENATAL CARE	34	15.5	75	15.4	84	19.0	59	27.2	70	8.8	53	18.9
MOTHER MEDICAID PARTICIPANT	38	17.7	150	30.0	123	27.3	70	31.8	82	11.2	102	36.6
MOTHER WIC PARTICIPANT	84	39.1	206	41.2	169	37.6	91	41.4	100	13.6	105	37.6
MOTHER ON MEDICAID AND WIC	29	13.5	133	26.6	96	21.3	59	26.8	58	7.9	83	29.7
MOTHER FOOD STAMP RECIPIENT	23	10.7	112	22.4	82	18.2	39	17.7	55	7.5	61	21.9
AGE OF MOTHER												
UNDER 15	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4
15-17	14	6.4	20	4.0	20	4.4	11	4.9	20	2.4	10	3.5
18-19	12	5.5	43	8.6	44	9.8	25	11.1	44	5.2	26	9.2
20-24	70	31.8	170	33.9	142	31.5	71	31.6	229	27.2	92	32.6
25-29	72	32.7	169	33.7	145	32.2	63	28.0	286	34.0	86	30.5
30-34	33	15.0	75	14.9	72	16.0	28	12.4	192	22.8	53	18.8
35-39	16	7.3	22	4.4	27	6.0	22	9.8	59	7.0	11	3.9
40 AND OVER	2	0.9	3	0.6	1	0.2	5	2.2	9	1.1	3	1.1

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	PULASKI		PUTNAM		RALLS		RANDOLPH		RAY		REYNOLDS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	733	100.0	55	100.0	92	100.0	323	100.0	296	100.0	82	100.0
UNDER 2500 GRAMS	45	6.1	2	3.6	7	7.6	33	10.2	14	4.7	8	9.8
OVER 4499 GRAMS	13	1.8	1	1.8	1	1.1	2	0.6	4	1.4	3	3.7
CROWN HEEL LT 47 CM (<18.5 IN)	44	6.0	2	5.1	2	2.6	30	9.4	11	3.8	4	4.9
LESS THAN 37 WEEKS GESTATION	40	5.5	3	5.5	6	6.5	42	13.0	17	5.7	7	8.5
APGAR SCORE LESS THAN 8	27	3.7	3	5.5	2	2.2	23	7.1	7	2.4	3	3.7
CONGENITAL ANOMALIES	16	2.2	0	0.0	2	2.2	17	5.3	2	0.7	3	3.7
ABNORMAL CONDITIONS OF NEWBORN	36	4.9	4	7.3	5	5.4	31	9.6	11	3.7	3	3.7
INFANT TRANSFERS	13	1.8	1	1.8	0	0.0	7	2.2	4	1.4	2	2.4
MATERNAL TRANSFERS	18	2.5	3	5.5	3	3.3	4	1.2	7	2.4	0	0.0
HOME DELIVERIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2
CESAREAN DELIVERIES	163	22.2	12	21.8	19	20.7	81	25.1	62	20.9	19	23.2
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	157	21.4	18	32.7	21	22.8	101	31.3	86	29.1	32	39.0
DRANK ALCOHOL DURING PREG	5	0.7	1	1.8	2	2.2	15	4.6	3	1.0	2	2.4
GT 15 PERCENT UNDERWEIGHT	86	11.8	5	13.2	7	9.2	28	9.1	43	14.9	5	6.1
GT 20 PERCENT OVERWEIGHT	143	19.6	12	31.6	20	26.3	86	27.8	62	21.5	19	23.2
GAINED LT 20 LBS DURING PREG	99	13.6	5	9.4	13	14.4	51	17.2	41	14.2	10	12.2
MATERNAL EDUCATION UNDER 12	114	15.6	11	20.0	19	20.7	77	23.8	59	19.9	23	28.0
OUT-OF-WEDLOCK BIRTHS	126	17.2	9	16.4	14	15.2	85	26.3	59	19.9	18	22.0
LIVE BIRTH ORDER 4 OR MORE	44	6.0	3	5.5	10	10.9	25	7.7	30	10.1	10	12.2
LT 18 MOS SINCE LAST BIRTH	51	12.8	1	2.9	4	7.0	25	17.2	19	10.6	8	17.4
PRENATAL CARE												
1ST TRIMESTER	590	80.5	44	80.0	70	76.1	223	69.0	211	71.3	57	69.5
2ND TRIMESTER	112	15.3	10	18.2	21	22.8	69	21.4	59	19.9	22	26.8
3RD TRIMESTER	21	2.9	0	0.0	1	1.1	15	4.6	13	4.4	3	3.7
NO PRENATAL CARE	5	0.7	0	0.0	0	0.0	6	1.9	1	0.3	0	0.0
INADEQUATE PRENATAL CARE	113	15.7	8	15.1	12	13.0	90	30.8	48	17.3	23	28.4
MOTHER MEDICAID PARTICIPANT	107	14.7	12	31.6	20	26.3	114	35.3	64	22.0	39	47.6
MOTHER WIC PARTICIPANT	298	40.8	21	55.3	33	43.4	167	51.7	83	28.5	55	67.1
MOTHER ON MEDICAID AND WIC	82	11.2	12	31.6	17	22.4	100	31.0	49	16.8	36	43.9
MOTHER FOOD STAMP RECIPIENT	64	8.8	8	21.1	15	19.7	70	21.7	36	12.4	34	41.5
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-17	31	4.2	1	1.8	6	6.5	19	5.9	15	5.1	3	3.7
18-19	70	9.5	7	12.7	7	7.6	32	9.9	20	6.8	8	9.8
20-24	265	36.2	22	40.0	24	26.1	125	38.7	99	33.4	29	35.4
25-29	228	31.1	15	27.3	31	33.7	91	28.2	95	32.1	24	29.3
30-34	114	15.6	7	12.7	18	19.6	42	13.0	52	17.6	13	15.9
35-39	20	2.7	3	5.5	4	4.3	13	4.0	13	4.4	2	2.4
40 AND OVER	4	0.5	0	0.0	2	2.2	1	0.3	2	0.7	3	3.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	RIPLEY		ST. CHARLES		ST. CLAIR		ST. FRANCOIS		STE. GENEVIEVE		ST. LOUIS CITY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	171	100.0	3,741	100.0	97	100.0	658	100.0	227	100.0	8,194	100.0
UNDER 2500 GRAMS	18	10.5	177	4.7	7	7.2	35	5.3	10	4.4	890	10.9
OVER 4499 GRAMS	5	2.9	76	2.0	1	1.0	18	2.7	6	2.6	83	1.0
CROWN HEEL LT 47 CM (18.5 IN)	14	8.4	135	3.6	10	10.4	27	4.1	7	3.1	757	9.4
LESS THAN 37 WEEKS GESTATION	18	10.5	296	7.9	9	9.3	45	6.8	11	4.8	1,244	15.2
APGAR SCORE LESS THAN 8	23	7.6	57	1.5	7	7.2	16	2.4	9	4.0	324	4.0
CONGENITAL ANOMALIES	1	0.6	52	1.4	1	1.0	14	2.1	2	0.9	105	1.3
ABNORMAL CONDITIONS OF NEWBORN	12	7.0	325	8.7	5	5.2	27	4.1	12	5.3	343	4.2
INFANT TRANSFERS	4	2.3	70	1.9	1	1.0	15	2.3	5	2.2	159	1.9
MATERNAL TRANSFERS	6	3.5	63	1.7	7	7.2	14	2.1	0	0.0	80	1.0
HOME DELIVERIES	1	0.6	16	0.4	1	1.0	3	0.5	0	0.0	76	0.9
CESAREAN DELIVERIES	42	24.6	1,081	28.9	26	26.8	213	32.4	54	23.8	1,514	18.5
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	66	38.6	910	24.3	29	29.9	222	33.7	56	24.7	2,368	28.9
DRANK ALCOHOL DURING PREG	2	1.2	194	5.2	0	0.0	11	1.7	4	1.8	318	3.9
GT 15 PERCENT UNDERWEIGHT	24	14.5	314	8.5	11	11.3	70	10.7	19	8.4	795	9.8
GT 20 PERCENT OVERWEIGHT	54	32.7	676	18.3	19	19.6	142	21.7	42	18.6	1,926	23.8
GAINED LT 20 LBS DURING PREG	29	17.4	473	12.7	16	16.5	89	13.6	27	11.9	1,446	18.0
MATERNAL EDUCATION UNDER 12	52	30.4	384	10.3	33	34.0	198	30.1	30	13.2	2,878	35.1
OUT-OF-WEDLOCK BIRTHS	25	14.6	499	13.3	19	19.6	166	25.2	35	15.4	5,077	62.0
LIVE BIRTH ORDER 4 OR MORE	20	11.7	310	8.3	7	7.2	47	7.1	25	11.0	1,267	15.5
LT 18 MOS SINCE LAST BIRTH	25	23.1	209	9.5	4	7.8	43	12.2	9	6.4	1,032	20.7
PRENATAL CARE												
1ST TRIMESTER	123	71.9	3,259	87.1	67	69.1	424	64.4	192	84.6	5,396	65.9
2ND TRIMESTER	41	24.0	384	10.3	23	23.7	200	30.4	23	10.1	2,000	24.4
3RD TRIMESTER	4	2.3	66	1.8	6	6.2	24	3.6	6	2.6	334	4.1
NO PRENATAL CARE	1	0.6	26	0.7	1	1.0	8	1.2	3	1.3	409	5.0
INADEQUATE PRENATAL CARE	48	28.4	376	10.1	20	20.8	151	23.0	24	10.7	2,462	30.3
MOTHER MEDICAID PARTICIPANT	108	65.1	299	8.0	45	46.9	264	40.2	32	14.1	4,094	50.2
MOTHER WIC PARTICIPANT	103	62.0	387	10.4	50	52.1	367	55.9	69	30.4	4,042	49.6
MOTHER ON MEDICAID AND WIC	83	50.0	199	5.3	41	42.7	228	34.7	27	11.9	3,046	37.4
MOTHER FOOD STAMP RECIPIENT	77	46.4	206	5.5	28	29.2	158	24.0	19	8.4	3,080	37.8
AGE OF MOTHER												
UNDER 15	0	0.0	3	0.1	0	0.0	0	0.0	1	0.4	72	0.9
15-17	17	9.9	77	2.1	6	6.2	62	9.4	4	1.8	728	8.9
18-19	25	14.6	176	4.7	14	14.4	111	16.9	13	5.7	1,030	12.6
20-24	56	32.7	813	21.7	34	35.1	213	32.4	74	32.6	2,505	30.6
25-29	35	20.5	1,458	39.0	28	28.9	177	26.9	73	32.2	2,108	25.7
30-34	27	15.8	943	25.2	10	10.3	72	10.9	47	20.7	1,254	15.3
35-39	11	6.4	254	6.8	4	4.1	20	3.0	11	4.8	437	5.3
40 AND OVER	0	0.0	16	0.4	1	1.0	3	0.5	4	1.8	54	0.7

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	ST. LOUIS CO		SALINE		SCHUYLER		SCOTLAND		SCOTT		SHANNON	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	14,441	100.0	306	100.0	70	100.0	69	100.0	594	100.0	122	100.0
UNDER 2500 GRAMS	915	6.3	22	7.2	6	8.6	3	4.3	56	9.4	10	8.2
OVER 4499 GRAMS	247	1.7	9	2.9	1	1.4	6	8.7	12	2.0	2	1.6
CROWN HEEL LT 47 CM (<18.5 IN)	733	5.2	34	11.3	5	7.6	4	7.0	60	10.3	7	5.8
LESS THAN 37 WEEKS GESTATION	1,259	8.7	35	11.4	6	8.6	5	7.2	71	12.0	8	6.6
APGAR SCORE LESS THAN 8	315	2.2	9	2.9	3	4.3	6	8.7	22	3.7	6	4.9
CONGENITAL ANOMALIES	176	1.2	2	0.7	0	0.0	0	0.0	15	2.5	3	2.5
ABNORMAL CONDITIONS OF NEWBORN	518	3.6	29	9.5	13	18.6	12	17.4	34	5.7	10	8.2
INFANT TRANSFERS	211	1.5	5	1.6	0	0.0	2	2.9	14	2.4	3	2.5
MATERNAL TRANSFERS	168	1.2	52	17.0	2	2.9	1	1.4	26	4.4	12	9.8
HOME DELIVERIES	78	0.5	0	0.0	0	0.0	7	10.1	2	0.3	2	1.6
CESAREAN DELIVERIES	3,631	25.1	62	20.3	20	28.6	13	18.8	186	31.3	33	27.0
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	2,786	19.3	101	33.0	31	44.3	13	18.8	166	27.9	40	32.8
DRANK ALCOHOL DURING PREG	913	6.3	11	3.6	2	2.9	1	1.4	6	1.0	1	0.8
GT 15 PERCENT UNDERWEIGHT	1,317	9.3	34	11.6	7	10.4	0	0.0	68	11.6	20	16.7
GT 20 PERCENT OVERWEIGHT	2,379	16.8	76	26.0	20	29.9	13	22.8	125	21.3	30	25.0
GAINED LT 20 LBS DURING PREG	1,578	11.1	41	14.0	12	17.6	8	11.9	82	14.0	23	19.2
MATERNAL EDUCATION UNDER 12	1,496	10.4	88	28.8	11	15.7	22	31.9	170	28.6	35	28.7
OUT-OF-WEDLOCK BIRTHS	3,057	21.2	102	33.3	7	10.0	5	7.2	164	27.6	29	23.8
LIVE BIRTH ORDER 4 OR MORE	1,134	7.9	30	9.8	7	10.0	8	11.6	51	8.6	13	10.7
LT 18 MOS SINCE LAST BIRTH	897	10.9	30	16.4	8	17.0	4	8.5	47	12.6	3	4.2
PRENATAL CARE												
1ST TRIMESTER	12,568	87.0	220	71.9	53	75.7	41	59.4	386	65.0	97	79.5
2ND TRIMESTER	1,473	10.2	57	18.6	9	12.9	17	24.6	146	24.6	21	17.2
3RD TRIMESTER	212	1.5	15	4.9	6	8.6	10	14.5	25	4.2	3	2.5
NO PRENATAL CARE	139	1.0	4	1.3	0	0.0	1	1.4	23	3.9	0	0.0
INADEQUATE PRENATAL CARE	1,487	10.4	64	22.1	13	19.4	22	31.9	146	25.2	23	19.0
MOTHER MEDICAID PARTICIPANT	1,799	12.6	106	35.0	22	32.8	17	29.3	237	40.3	69	57.0
MOTHER WIC PARTICIPANT	2,409	16.8	130	42.9	32	47.8	17	29.3	307	52.2	85	70.2
MOTHER ON MEDICAID AND WIC	1,343	9.4	86	28.4	21	31.3	13	22.4	212	36.1	57	47.1
MOTHER FOOD STAMP RECIPIENT	1,207	8.4	58	19.1	19	28.4	9	15.5	141	24.0	43	35.5
AGE OF MOTHER												
UNDER 15	29	0.2	1	0.3	0	0.0	0	0.0	2	0.3	0	0.0
15-17	431	3.0	19	6.2	3	4.3	2	2.9	39	6.6	10	8.2
18-19	760	5.3	43	14.1	5	7.1	2	2.9	75	12.6	15	12.3
20-24	2,597	18.0	102	33.3	23	32.9	30	43.5	189	31.8	43	35.2
25-29	4,969	34.4	86	28.1	27	38.6	18	26.1	181	30.5	35	28.7
30-34	4,056	28.1	41	13.4	11	15.7	10	14.5	75	12.6	13	10.7
35-39	1,396	9.7	12	3.9	1	1.4	7	10.1	26	4.4	4	3.3
40 AND OVER	198	1.4	1	0.3	0	0.0	0	0.0	5	0.8	1	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	SHELBY		STODDARD		STONE		SULLIVAN		TANEY		TEXAS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	94	100.0	398	100.0	223	100.0	69	100.0	276	100.0	251	100.0
UNDER 2500 GRAMS	4	4.3	23	5.8	16	7.2	4	5.8	17	6.2	12	4.8
OVER 4499 GRAMS	3	3.2	1	0.3	6	2.7	1	1.4	2	0.7	4	1.6
CROWN HEEL LT 47 CM (<18.5 IN)	5	6.0	24	6.2	12	5.9	5	7.6	15	5.7	9	3.6
LESS THAN 37 WEEKS GESTATION	5	5.3	31	7.8	13	5.8	5	7.2	25	9.1	23	9.2
APGAR SCORE LESS THAN 8	3	3.2	21	5.3	9	4.0	3	4.3	11	4.0	6	2.4
CONGENITAL ANOMALIES	3	3.2	7	1.8	5	2.2	2	2.9	2	0.7	4	1.6
ABNORMAL CONDITIONS OF NEWBORN	6	6.4	26	6.5	6	2.7	13	18.8	8	2.9	13	5.2
INFANT TRANSFERS	2	2.1	11	2.8	1	0.4	2	2.9	0	0.0	3	1.2
MATERNAL TRANSFERS	2	2.1	6	1.5	6	2.7	2	2.9	17	6.2	8	3.2
HOME DELIVERIES	1	1.1	1	0.3	1	0.4	0	0.0	0	0.0	5	2.0
CESAREAN DELIVERIES	18	19.1	98	24.6	48	21.5	26	37.7	79	28.6	56	22.3
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	26	27.7	147	36.9	85	38.1	22	31.9	80	29.0	70	27.9
DRANK ALCOHOL DURING PREG	1	1.1	9	2.3	2	0.9	2	2.9	10	3.6	4	1.6
GT 15 PERCENT UNDERWEIGHT	5	6.1	48	12.2	24	11.9	6	9.2	36	13.6	26	10.4
GT 20 PERCENT OVERWEIGHT	23	28.0	91	23.0	51	25.4	23	35.4	51	19.2	51	20.4
GAINED LT 20 LBS DURING PREG	20	22.2	57	14.5	37	17.1	10	14.5	38	13.9	36	14.3
MATERNAL EDUCATION UNDER 12	14	14.9	120	30.2	56	25.1	19	27.5	52	18.8	78	31.1
OUT-OF-WEDLOCK BIRTHS	16	17.0	87	21.9	49	22.0	14	20.3	47	17.0	47	18.7
LIVE BIRTH ORDER 4 OR MORE	14	14.9	18	4.5	22	9.9	4	5.8	20	7.2	23	9.2
LT 18 MOS SINCE LAST BIRTH	6	9.5	26	11.3	16	12.6	2	5.9	20	13.9	15	9.6
PRENATAL CARE												
1ST TRIMESTER	72	76.6	284	71.4	156	70.0	53	76.8	200	72.5	197	78.5
2ND TRIMESTER	16	17.0	93	23.4	53	23.8	14	20.3	58	21.0	48	19.1
3RD TRIMESTER	4	4.3	14	3.5	7	3.1	0	0.0	13	4.7	3	1.2
NO PRENATAL CARE	1	1.1	3	0.8	6	2.7	1	1.4	3	1.1	2	0.8
INADEQUATE PRENATAL CARE	26	28.6	69	17.7	47	21.4	10	14.7	60	21.9	40	16.1
MOTHER MEDICAID PARTICIPANT	23	27.1	143	36.1	68	33.3	20	29.9	94	35.5	92	36.8
MOTHER WIC PARTICIPANT	46	54.1	188	47.5	93	45.6	53	79.1	110	41.5	139	55.6
MOTHER ON MEDICAID AND WIC	21	24.7	118	29.8	59	28.9	19	28.4	75	28.3	83	33.2
MOTHER FOOD STAMP RECIPIENT	20	23.5	83	21.0	35	17.2	13	19.4	50	18.9	65	26.0
AGE OF MOTHER												
UNDER 15	0	0.0	1	0.3	0	0.0	0	0.0	1	0.4	1	0.4
15-17	2	2.1	29	7.3	10	4.5	7	10.1	9	3.3	9	3.6
18-19	3	3.2	48	12.1	29	13.0	5	7.2	23	8.3	36	14.3
20-24	37	39.4	135	33.9	82	36.8	27	39.1	89	32.2	101	40.2
25-29	28	29.8	119	29.9	62	27.8	25	36.2	93	33.7	66	26.3
30-34	14	14.9	48	12.1	24	10.8	4	5.8	46	16.7	27	10.8
35-39	8	8.5	13	3.3	9	4.0	1	1.4	13	4.7	9	3.6
40 AND OVER	2	2.1	4	1.0	7	3.1	0	0.0	1	0.4	2	0.8

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

	VERNON		WARREN		WASHINGTON		WAYNE		WEBSTER		WORTH	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	275	100.0	317	100.0	303	100.0	137	100.0	362	100.0	31	100.0
UNDER 2500 GRAMS	18	6.5	20	6.3	24	7.9	10	7.3	25	6.9	0	0.0
OVER 4499 GRAMS	3	1.1	3	0.9	4	1.3	2	1.5	5	1.4	1	3.2
CROWN HEEL LT 47 CM (<18.5 IN)	18	8.3	22	7.1	26	8.6	12	8.8	24	6.7	0	0.0
LESS THAN 37 WEEKS GESTATION	19	6.9	30	9.5	32	10.6	15	10.9	22	6.1	0	0.0
APGAR SCORE LESS THAN 8	18	6.5	8	2.5	10	3.3	3	2.2	14	3.9	1	3.2
CONGENITAL ANOMALIES	4	1.5	5	1.6	6	2.0	3	2.2	10	2.8	0	0.0
ABNORMAL CONDITIONS OF NEWBORN	11	4.0	29	9.1	21	6.9	3	2.2	13	3.6	1	3.2
INFANT TRANSFERS	4	1.5	6	1.9	11	3.6	0	0.0	2	0.6	1	3.2
MATERNAL TRANSFERS	9	3.3	3	0.9	5	1.7	4	2.9	10	2.8	0	0.0
HOME DELIVERIES	0	0.0	4	1.3	1	0.3	0	0.0	32	8.8	0	0.0
CESAREAN DELIVERIES	58	21.1	79	24.9	86	28.4	25	18.2	76	21.0	8	25.8
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	69	25.1	107	33.8	113	37.3	54	39.4	81	22.4	10	32.3
DRANK ALCOHOL DURING PREG	3	1.1	25	7.9	5	1.7	1	0.7	23	6.4	0	0.0
GT 15 PERCENT UNDERWEIGHT	28	10.5	20	6.5	31	10.2	20	14.9	30	8.3	1	3.3
GT 20 PERCENT OVERWEIGHT	58	21.8	81	26.1	81	26.7	36	26.9	92	25.5	8	26.7
GAINED LT 20 LBS DURING PREG	34	14.2	47	15.2	47	15.5	21	15.7	68	19.0	8	25.8
MATERNAL EDUCATION UNDER 12	50	18.2	62	19.6	134	44.2	49	35.8	93	25.7	7	22.6
OUT-OF-WEDLOCK BIRTHS	49	17.8	64	20.2	102	33.7	37	27.0	46	12.7	2	6.5
LIVE BIRTH ORDER 4 OR MORE	20	7.3	27	8.5	33	10.9	10	7.3	56	15.5	5	16.1
LT 18 MOS SINCE LAST BIRTH	21	12.5	28	14.4	25	13.3	7	9.9	40	17.2	2	10.0
PRENATAL CARE												
1ST TRIMESTER	224	81.5	243	76.7	190	62.7	85	62.0	252	69.6	22	71.0
2ND TRIMESTER	36	13.1	52	16.4	89	29.4	42	30.7	74	20.4	9	29.0
3RD TRIMESTER	7	2.5	14	4.4	17	5.6	9	6.6	26	7.2	0	0.0
NO PRENATAL CARE	2	0.7	7	2.2	4	1.3	0	0.0	8	2.2	0	0.0
INADEQUATE PRENATAL CARE	30	11.2	61	19.4	84	28.0	40	29.4	86	24.0	5	16.1
MOTHER MEDICAID PARTICIPANT	89	43.0	43	13.7	160	52.8	77	56.2	73	20.2	12	40.0
MOTHER WIC PARTICIPANT	79	38.2	79	25.2	196	64.7	100	73.0	135	37.3	14	46.7
MOTHER ON MEDICAID AND WIC	60	29.0	38	12.1	143	47.2	68	49.6	57	15.7	11	36.7
MOTHER FOOD STAMP RECIPIENT	53	25.6	28	8.9	123	40.6	52	38.0	37	10.2	8	26.7
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0
15-17	14	5.1	10	3.2	35	11.6	13	9.5	14	3.9	1	3.2
18-19	28	10.2	16	5.0	35	11.6	21	15.3	33	9.1	2	6.5
20-24	96	34.9	104	32.8	105	34.7	48	35.0	132	36.5	12	38.7
25-29	76	27.6	110	34.7	74	24.4	31	22.6	112	30.9	7	22.6
30-34	45	16.4	53	16.7	41	13.5	18	13.1	52	14.4	5	16.1
35-39	13	4.7	22	6.9	9	3.0	4	2.9	14	3.9	4	12.9
40 AND OVER	3	1.1	2	0.6	3	1.0	2	1.5	5	1.4	0	0.0

TABLE 10B (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY COUNTY: MISSOURI 1989

WRIGHT

	NUMBER	PERCENT
TOTAL LIVE BIRTHS	237	100.0
UNDER 2500 GRAMS	8	3.4
OVER 4499 GRAMS	4	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	8	3.4
LESS THAN 37 WEEKS GESTATION	17	7.2
APGAR SCORE LESS THAN 8	6	2.5
CONGENITAL ANOMALIES	9	3.8
ABNORMAL CONDITIONS OF NEWBORN	15	6.3
INFANT TRANSFERS	5	2.1
MATERNAL TRANSFERS	7	3.0
HOME DELIVERIES	1	0.4
CESAREAN DELIVERIES	49	20.7
MATERNAL RISK FACTORS		
SMOKED DURING PREGNANCY	75	31.6
DRANK ALCOHOL DURING PREG	5	2.1
GT 15 PERCENT UNDERWEIGHT	25	10.5
GT 20 PERCENT OVERWEIGHT	61	25.7
GAINED LT 20 LBS DURING PREG	44	18.6
MATERNAL EDUCATION UNDER 12	75	31.6
OUT-OF-WEDLOCK BIRTHS	42	17.7
LIVE BIRTH ORDER 4 OR MORE	34	14.3
LT 18 MOS SINCE LAST BIRTH	12	8.3
PRENATAL CARE		
1ST TRIMESTER	167	70.5
2ND TRIMESTER	52	21.9
3RD TRIMESTER	13	5.5
NO PRENATAL CARE	4	1.7
INADEQUATE PRENATAL CARE	51	21.6
MOTHER MEDICAID PARTICIPANT	86	36.3
MOTHER WIC PARTICIPANT	122	51.5
MOTHER ON MEDICAID AND WIC	72	30.4
MOTHER FOOD STAMP RECIPIENT	56	23.6
AGE OF MOTHER		
UNDER 15	0	0.0
15-17	8	3.4
18-19	30	12.7
20-24	85	35.9
25-29	72	30.4
30-34	29	12.2
35-39	12	5.1
40 AND OVER	1	0.4

TABLE 10C RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	BLUE SPRINGS		CAPE GIRARDEAU		COLUMBIA		FLORISSANT		INDEPENDENCE		JEFFERSON CITY	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	673	100.0	459	100.0	986	100.0	687	100.0	1,730	100.0	517	100.0
UNDER 2500 GRAMS	25	3.7	44	9.6	65	6.6	33	4.8	113	6.5	32	6.2
OVER 4499 GRAMS	15	2.2	6	1.3	14	1.4	13	1.9	32	1.8	5	1.0
CROWN HEEL LT 47 CM (<18.5 IN)	27	4.1	59	12.9	71	7.3	19	2.8	131	7.8	35	6.9
LESS THAN 37 WEEKS GESTATION	37	5.5	44	9.6	95	9.6	48	7.0	146	8.4	41	7.9
APGAR SCORE LESS THAN 8	12	1.8	21	4.6	38	3.9	10	1.5	62	3.6	14	2.7
CONGENITAL ANOMALIES	5	0.7	6	1.3	17	1.7	10	1.5	18	1.0	10	1.9
ABNORMAL CONDITIONS OF NEWBORN	18	2.7	28	6.1	45	4.6	26	3.8	78	4.5	27	5.2
INFANT TRANSFERS	7	1.0	10	2.2	10	1.0	7	1.0	30	1.7	3	0.6
MATERNAL TRANSFERS	12	1.8	8	1.7	10	1.0	5	0.7	70	4.0	15	2.9
HOME DELIVERIES	0	0.0	3	0.7	1	0.1	4	0.6	8	0.5	1	0.2
CESAREAN DELIVERIES	155	23.0	147	32.0	204	20.7	180	26.2	347	20.1	127	24.6
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	128	19.0	93	20.3	179	18.2	163	23.7	549	31.7	115	22.2
DRANK ALCOHOL DURING PREG	20	3.0	9	2.0	18	1.8	56	8.2	68	3.9	7	1.4
GT 15 PERCENT UNDERWEIGHT	84	12.8	55	12.1	98	10.9	58	8.6	207	12.4	60	12.0
GT 20 PERCENT OVERWEIGHT	100	15.2	90	19.7	150	16.6	112	16.6	325	19.5	97	19.3
GAINED LT 20 LBS DURING PREG	55	8.5	53	11.6	31	9.4	65	9.6	201	12.1	75	15.1
MATERNAL EDUCATION UNDER 12	60	8.9	78	17.0	117	11.9	49	7.1	355	20.5	81	15.7
OUT-OF-WEDLOCK BIRTHS	83	12.3	146	31.8	245	24.8	89	13.0	420	24.3	123	23.8
LIVE BIRTH ORDER 4 OR MORE	42	6.2	25	5.4	61	6.2	38	5.5	126	7.3	32	6.2
LT 18 MOS SINCE LAST BIRTH	29	7.3	32	12.7	59	12.0	33	8.4	142	14.8	19	6.8
PRENATAL CARE												
1ST TRIMESTER	608	90.3	358	78.0	761	77.2	626	91.1	1,369	79.1	387	74.9
2ND TRIMESTER	48	7.1	79	17.2	135	13.7	46	6.7	259	15.0	86	16.6
3RD TRIMESTER	8	1.2	14	3.1	40	4.1	10	1.5	62	3.6	17	3.3
NO PRENATAL CARE	1	0.1	8	1.7	5	0.5	5	0.7	20	1.2	8	1.5
INADEQUATE PRENATAL CARE	46	7.0	64	14.0	130	15.6	49	7.2	281	16.8	78	16.2
MOTHER MEDICAID PARTICIPANT	64	9.8	141	30.8	215	21.9	33	4.9	376	22.4	91	17.7
MOTHER WIC PARTICIPANT	69	10.6	121	26.4	268	27.3	71	10.5	479	28.5	103	20.0
MOTHER ON MEDICAID AND WIC	38	5.8	85	18.6	175	17.8	25	3.7	288	17.2	65	12.6
MOTHER FOOD STAMP RECIPIENT	26	4.0	71	15.5	152	15.5	15	2.2	256	15.3	64	12.5
AGE OF MOTHER												
UNDER 15	0	0.0	2	0.4	0	0.0	1	0.1	2	0.1	2	0.4
15-17	23	3.4	21	4.6	33	3.3	11	1.6	74	4.3	18	3.5
18-19	45	6.7	53	11.5	72	7.3	29	4.2	170	9.8	34	6.6
20-24	155	23.0	144	31.4	234	23.7	133	19.4	522	30.2	165	31.9
25-29	263	39.1	128	27.9	328	33.3	300	43.7	608	35.1	166	32.1
30-34	150	22.3	78	17.0	240	24.3	157	22.9	269	15.5	99	19.1
35-39	35	5.2	26	5.7	69	7.0	48	7.0	74	4.3	30	5.8
40 AND OVER	1	0.1	7	1.5	9	0.9	8	1.2	10	0.6	2	0.4

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	JOPLIN		KANSAS CITY TOTAL		KANSAS CITY CLAY COUNTY		KANSAS CITY JACKSON COUNTY		KANSAS CITY PLATTE COUNTY		KIRKWOOD	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	668	100.0	8,071	100.0	1,144	100.0	6,540	100.0	387	100.0	361	100.0
UNDER 2500 GRAMS	36	5.4	738	9.1	71	6.2	648	9.9	19	4.9	19	5.3
OVER 4499 GRAMS	15	2.2	106	1.3	17	1.5	81	1.2	8	2.1	9	2.5
CROWN HEEL LT 47 CM (<18.5 IN)	26	4.0	681	9.1	63	5.8	605	10.0	13	3.6	16	4.5
LESS THAN 37 WEEKS GESTATION	82	12.3	960	11.9	89	7.8	847	13.0	24	6.2	29	8.0
APGAR SCORE LESS THAN 8	23	3.4	362	4.5	42	3.7	313	4.8	7	1.8	14	3.9
CONGENITAL ANOMALIES	10	1.5	124	1.5	21	1.8	95	1.5	8	2.1	7	1.9
ABNORMAL CONDITIONS OF NEWBORN	70	10.5	358	4.4	36	3.1	308	4.7	14	3.6	16	4.4
INFANT TRANSFERS	14	2.1	136	1.7	11	1.0	120	1.8	5	1.3	5	1.4
MATERNAL TRANSFERS	26	3.9	871	10.8	48	4.2	815	12.5	8	2.1	4	1.1
HOME DELIVERIES	1	0.1	17	0.2	4	0.3	12	0.2	1	0.3	4	1.1
CESAREAN DELIVERIES	127	19.0	1,567	19.4	294	25.7	1,173	17.9	100	25.8	87	24.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	162	24.3	1,975	24.5	279	24.4	1,623	24.8	73	18.9	51	14.1
DRANK ALCOHOL DURING PREG	16	2.4	431	5.3	44	3.8	375	5.7	12	3.1	41	11.4
GT 15 PERCENT UNDERWEIGHT	88	13.6	782	10.6	130	11.8	629	10.6	23	6.3	41	11.7
GT 20 PERCENT OVERWEIGHT	130	20.0	1,563	21.2	188	17.1	1,307	22.1	68	18.5	46	13.1
GAINED LT 20 LBS DURING PREG	80	12.5	924	12.8	122	11.2	765	13.3	37	10.1	33	9.3
MATERNAL EDUCATION UNDER 12	162	24.3	1,708	21.2	143	12.5	1,548	23.7	17	4.4	16	4.4
OUT-OF-WEDLOCK BIRTHS	170	25.4	3,528	43.7	208	18.2	3,280	50.2	40	10.3	48	13.3
LIVE BIRTH ORDER 4 OR MORE	44	6.6	882	10.9	60	5.2	797	12.2	25	6.5	33	9.1
LT 18 MOS SINCE LAST BIRTH	56	16.1	831	18.8	68	11.0	743	20.3	20	10.4	10	4.9
PRENATAL CARE												
1ST TRIMESTER	481	72.0	5,867	72.7	976	85.3	4,539	69.4	352	91.0	332	92.0
2ND TRIMESTER	132	19.8	1,305	16.2	109	9.5	1,173	17.9	23	5.9	22	6.1
3RD TRIMESTER	35	5.2	344	4.3	33	2.9	304	4.6	7	1.8	5	1.4
NO PRENATAL CARE	16	2.4	219	2.7	10	0.9	208	3.2	1	0.3	1	0.3
INADEQUATE PRENATAL CARE	171	26.2	1,584	22.2	102	9.4	1,460	25.6	22	6.0	24	6.7
MOTHER MEDICAID PARTICIPANT	203	31.0	2,423	32.6	133	12.3	2,266	37.8	24	6.7	14	3.9
MOTHER WIC PARTICIPANT	250	38.2	3,052	41.1	182	16.8	2,836	47.3	34	9.5	29	8.1
MOTHER ON MEDICAID AND WIC	174	26.6	1,921	25.8	86	8.0	1,817	30.3	18	5.0	7	1.9
MOTHER FOOD STAMP RECIPIENT	131	20.0	1,891	25.5	92	8.5	1,780	29.7	19	5.3	13	3.6
AGE OF MOTHER												
UNDER 15	0	0.0	36	0.4	1	0.1	35	0.5	0	0.0	1	0.3
15-17	35	5.2	558	6.9	28	2.4	524	8.0	6	1.6	5	1.4
18-19	74	11.1	814	10.1	78	6.8	726	11.1	10	2.6	9	2.5
20-24	240	35.9	2,299	28.5	271	23.7	1,932	29.5	96	24.8	37	10.2
25-29	176	26.3	2,428	30.1	464	40.6	1,821	27.8	143	37.0	125	34.6
30-34	105	15.7	1,416	17.5	237	20.7	1,081	16.5	98	25.3	121	33.5
35-39	31	4.6	444	5.5	56	4.9	358	5.5	30	7.8	59	16.3
40 AND OVER	1	0.1	61	0.8	8	0.7	50	0.8	3	0.8	4	1.1

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	LEES SUMMIT		RAYTOWN		ST. CHARLES		ST. JOSEPH		ST. LOUIS CITY		SPRINGFIELD	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL LIVE BIRTHS	761	100.0	390	100.0	1,045	100.0	1,106	100.0	8,194	100.0	1,971	100.0
UNDER 2500 GRAMS	38	5.0	30	7.7	55	5.3	62	5.6	890	10.9	123	6.2
OVER 4499 GRAMS	18	2.4	6	1.5	25	2.4	23	2.1	83	1.0	33	1.7
CROWN HEEL LT 47 CM (<18.5 IN)	38	5.5	24	6.7	39	3.8	46	4.2	757	9.4	101	5.2
LESS THAN 37 WEEKS GESTATION	53	7.0	36	9.2	79	7.6	82	7.4	1,244	15.2	180	9.1
APGAR SCORE LESS THAN 8	24	3.2	11	2.8	20	1.9	34	3.1	324	4.0	56	2.8
CONGENITAL ANOMALIES	8	1.1	4	1.0	20	1.9	19	1.7	105	1.3	28	1.4
ABNORMAL CONDITIONS OF NEWBORN	34	4.5	12	3.1	117	11.2	27	2.4	343	4.2	82	4.2
INFANT TRANSFERS	13	1.7	2	0.5	22	2.1	18	1.6	159	1.9	6	0.3
MATERNAL TRANSFERS	18	2.4	13	3.3	20	1.9	27	2.4	80	1.0	67	3.4
HOME DELIVERIES	1	0.1	0	0.0	6	0.6	0	0.0	76	0.9	5	0.3
CESAREAN DELIVERIES	162	21.3	95	24.4	304	29.1	169	15.3	1,514	18.5	494	25.1
MATERNAL RISK FACTORS												
SMOKED DURING PREGNANCY	138	18.1	85	21.8	281	26.9	388	35.1	2,368	28.9	527	26.7
DRANK ALCOHOL DURING PREG	19	2.5	13	3.3	59	5.6	41	3.7	318	3.9	42	2.1
GT 15 PERCENT UNDERWEIGHT	66	9.3	42	11.7	89	8.7	105	9.6	795	9.8	238	12.1
GT 20 PERCENT OVERWEIGHT	105	14.9	69	19.2	197	19.2	247	22.5	1,926	23.8	379	19.3
GAINED LT 20 LBS DURING PREG	61	8.6	33	9.3	136	13.1	179	16.4	1,446	18.0	239	12.2
MATERNAL EDUCATION UNDER 12	65	8.5	25	6.4	151	14.4	304	27.5	2,878	35.1	391	19.8
OUT-OF-WEDLOCK BIRTHS	89	11.7	67	17.2	183	17.5	349	31.6	5,077	62.0	475	24.1
LIVE BIRTH ORDER 4 OR MORE	44	5.8	11	2.8	76	7.3	84	7.6	1,267	15.5	145	7.4
LT 18 MOS SINCE LAST BIRTH	38	8.7	21	10.2	64	11.1	105	15.8	1,032	20.4	134	13.1
PRENATAL CARE												
1ST TRIMESTER	680	89.4	340	87.2	872	83.4	901	81.5	5,396	65.9	1,477	74.9
2ND TRIMESTER	60	7.9	37	9.5	142	13.6	166	15.0	2,000	24.4	368	18.7
3RD TRIMESTER	13	1.7	5	1.3	22	2.1	27	2.4	334	4.1	77	3.9
NO PRENATAL CARE	2	0.3	4	1.0	8	0.8	9	0.8	409	5.0	35	1.8
INADEQUATE PRENATAL CARE	55	7.4	34	9.1	140	13.5	174	15.9	2,462	30.3	389	19.9
MOTHER MEDICAID PARTICIPANT	70	10.1	34	9.6	114	11.0	422	38.6	4,094	50.2	672	34.2
MOTHER WIC PARTICIPANT	75	10.8	45	12.6	155	15.0	365	33.4	4,042	49.6	727	37.0
MOTHER ON MEDICAID AND WIC	48	6.9	20	5.6	80	7.7	308	28.2	3,046	37.4	524	26.7
MOTHER FOOD STAMP RECIPIENT	42	6.0	18	5.1	85	8.2	283	25.9	3,080	37.8	386	19.6
AGE OF MOTHER												
UNDER 15	0	0.0	0	0.0	1	0.1	3	0.3	72	0.9	4	0.2
15-17	15	2.0	6	1.5	31	3.0	74	6.7	728	8.9	105	5.3
18-19	38	5.0	22	5.6	53	5.1	139	12.6	1,030	12.6	195	9.9
20-24	134	17.6	109	27.9	267	25.6	364	32.9	2,505	30.6	627	31.8
25-29	331	43.5	140	35.9	391	37.4	322	29.1	2,108	25.7	626	31.8
30-34	192	25.2	89	22.8	232	22.2	149	13.5	1,254	15.3	311	15.8
35-39	42	5.5	22	5.6	65	6.2	46	4.2	437	5.3	90	4.6
40 AND OVER	8	1.1	1	0.3	5	0.5	9	0.8	54	0.7	11	0.6

TABLE 10C (CONT) RESIDENT LIVE BIRTHS BY SELECTED CHARACTERISTICS BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	UNIVERSITY CITY NUMBER	PERCENT
TOTAL LIVE BIRTHS	671	100.0
UNDER 2500 GRAMS	55	8.2
OVER 4499 GRAMS	9	1.3
CROWN HEEL LT 47 CM (<18.5 IN)	48	7.3
LESS THAN 37 WEEKS GESTATION	76	11.3
APGAR SCORE LESS THAN 8	18	2.7
CONGENITAL ANOMALIES	5	0.7
ABNORMAL CONDITIONS OF NEWBORN	23	3.4
INFANT TRANSFERS	10	1.5
MATERNAL TRANSFERS	5	0.7
HOME DELIVERIES	3	0.4
CESAREAN DELIVERIES	165	24.6
MATERNAL RISK FACTORS		
SMOKED DURING PREGNANCY	96	14.3
DRANK ALCOHOL DURING PREG	38	5.7
GT 15 PERCENT UNDERWEIGHT	58	8.8
GT 20 PERCENT OVERWEIGHT	110	16.7
GAINED LT 20 LBS DURING PREG	62	9.4
MATERNAL EDUCATION UNDER 12	76	11.3
OUT-OF-WEDLOCK BIRTHS	244	36.4
LIVE BIRTH ORDER 4 OR MORE	62	9.2
LT 18 MOS SINCE LAST BIRTH	48	12.7
PRENATAL CARE		
1ST TRIMESTER	546	81.4
2ND TRIMESTER	95	14.2
3RD TRIMESTER	16	2.4
NO PRENATAL CARE	12	1.8
INADEQUATE PRENATAL CARE	101	15.1
MOTHER MEDICAID PARTICIPANT	167	25.2
MOTHER WIC PARTICIPANT	188	28.4
MOTHER ON MEDICAID AND WIC	119	17.9
MOTHER FOOD STAMP RECIPIENT	104	15.7
AGE OF MOTHER		
UNDER 15	3	0.4
15-17	38	5.7
18-19	40	6.0
20-24	132	19.7
25-29	175	26.1
30-34	174	25.9
35-39	93	13.9
40 AND OVER	15	2.2

TABLE 11 RESIDENT TEEN-AGE PREGNANCIES AND ABORTIONS BY SELECTED AGES BY COUNTY OF RESIDENCE: MISSOURI 1989

	TOTAL PREGNANCIES			ABORTIONS				TOTAL PREGNANCIES			ABORTIONS		
	UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19		UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19
STATE TOTAL	15,697	5,832	9,865	4,674	1,805	2,869							
ADAIR	47	11	36	12	2	10	DAVIESS	11	7	4	3	3	0
ANDREW	28	12	16	6	6	0	DE KALB	13	2	11	0	0	0
ATCHISON	11	1	10	3	0	3	DENT	58	17	41	5	2	3
AUDRAIN	59	16	43	15	2	13	DOUGLAS	30	13	17	1	1	0
BARRY	69	28	41	14	9	5	DUNKLIN	147	57	90	18	8	10
BARTON	15	4	11	4	1	3	FRANKLIN	191	68	123	47	20	27
BATES	36	7	29	2	1	1	GASCONADE	33	12	21	8	1	7
BENTON	31	8	23	4	2	2	GENTRY	13	4	9	4	1	3
BOLLINGER	28	9	19	2	0	2	GREENE	592	191	401	211	59	152
BOONE	296	77	219	136	22	114	GRUNDY	36	8	28	7	3	4
BUCHANAN	291	110	181	60	28	32	HARRISON	8	5	3	1	1	0
BUTLER	115	44	71	20	6	14	HENRY	42	14	28	8	5	3
CALDWELL	18	4	14	4	0	4	HICKORY	16	6	10	3	1	2
CALLAWAY	89	28	61	23	8	15	HOLT	12	4	8	1	1	0
CAMDEN	59	21	38	15	5	10	HOWARD	21	12	9	6	4	2
CAPE GIRARDEAU	169	51	118	52	17	35	HOWELL	86	25	61	10	6	4
CARROLL	32	11	21	7	5	2	IRON	35	11	24	5	2	3
CARTER	14	7	7	4	4	0	JACKSON	2,794	1,170	1,624	960	427	533
CASS	157	45	112	46	21	25	JASPER	276	97	179	48	16	32
CEDAR	31	12	19	4	2	2	JEFFERSON	419	139	280	132	51	81
CHARITON	10	1	9	2	1	1	JOHNSON	117	25	92	48	12	36
CHRISTIAN	88	35	53	27	9	18	KNOX	6	2	4	0	0	0
CLARK	15	2	13	0	0	0	LACLEDE	90	32	58	12	5	7
CLAY	316	98	218	74	27	47	LAFAYETTE	89	37	52	25	14	11
CLINTON	41	20	21	15	7	8	LAWRENCE	97	36	61	17	11	6
COLE	138	50	88	42	12	30	LEWIS	17	8	9	2	0	2
COOPER	35	12	23	11	4	7	LINCOLN	69	24	45	14	7	7
CRAWFORD	63	27	36	11	4	7	LINN	32	13	19	5	3	2
DADE	20	3	17	4	1	3	LIVINGSTON	43	15	28	13	8	5
DALLAS	26	6	20	3	1	2	MC DONALD	62	21	41	5	3	2

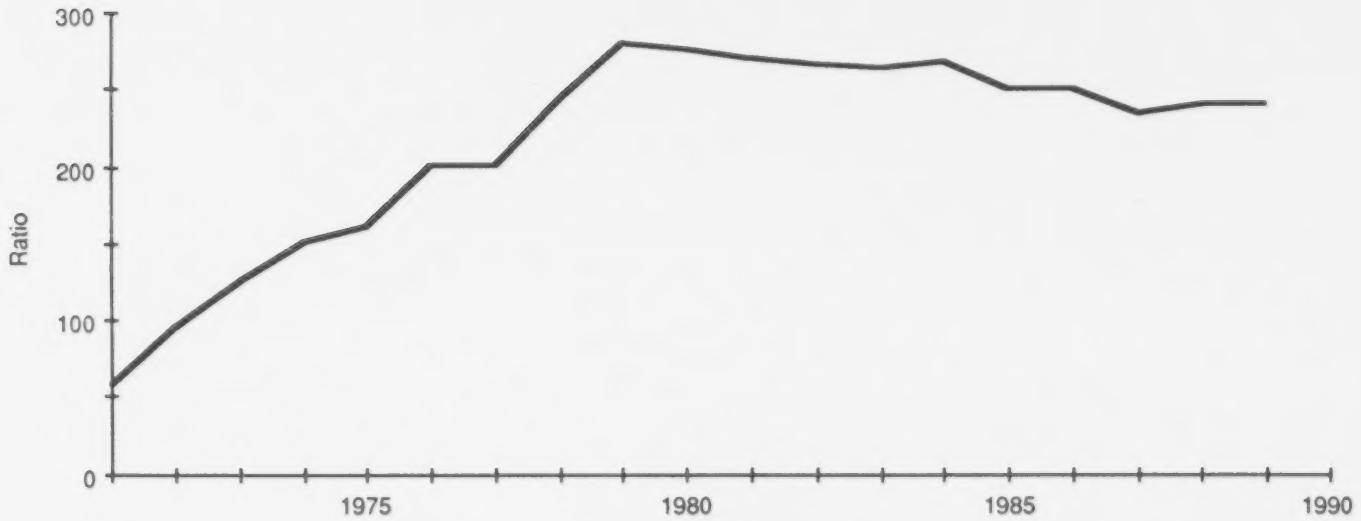
TABLE 11(CONT) RESIDENT TEEN-AGE PREGNANCIES AND ABORTIONS BY SELECTED AGES BY COUNTY OF RESIDENCE: MISSOURI 1989

	TOTAL PREGNANCIES			ABORTIONS		
	UNDER 20	UNDER 18	18-19	UNDER 20	UNDER 18	18-19
MACON	33	10	23	5	4	1
MADISON	30	10	20	3	2	1
MARIES	14	4	10	1	0	1
MARION	66	17	49	0	0	0
MERCER	6	1	5	0	0	0
MILLER	60	20	40	13	6	7
MISSISSIPPI	58	29	29	6	4	2
MONITEAU	27	7	20	6	2	4
MONROE	11	2	9	3	1	2
MONTGOMERY	19	6	13	6	3	3
MORGAN	35	16	19	7	4	3
NEW MADRID	78	30	48	11	8	3
NEWTON	123	34	89	20	10	10
NODAWAY	41	17	24	14	6	8
OREGON	27	6	21	1	1	0
OSAGE	11	4	7	0	0	0
OZARK	14	3	11	3	3	0
PEMISCOT	130	62	68	12	6	6
PERRY	34	16	18	6	1	5
PETTIS	79	26	53	16	6	10
PHELPS	78	22	56	13	2	11
PIKE	44	15	29	7	4	3
PLATTE	109	42	67	45	22	23
POLK	51	18	33	14	7	7
PULASKI	125	39	86	23	7	16
PUTNAM	8	1	7	0	0	0
RALLS	18	6	12	4	0	4
RANDOLPH	67	23	44	16	4	12
RAY	43	20	23	8	5	3
REYNOLDS	12	3	9	1	0	1
RIPLEY	44	19	25	2	2	0
ST. CHARLES	428	135	293	169	54	115
ST. CLAIR	22	7	15	2	1	1
ST. FRANCOIS	193	67	126	20	5	15
STE. GENEVIEVE	24	7	17	6	2	4
ST. LOUIS CITY	2,586	1,116	1,470	746	310	436
ST. LOUIS COUNTY	2,296	825	1,471	1,067	363	704
SALINE	80	26	54	16	5	11
SCHUYLER	9	3	6	1	0	1
SCOTLAND	5	2	3	1	0	1
SCOTT	136	49	87	20	8	12
SHANNON	28	13	15	3	3	0
SHELBY	9	3	6	4	1	3
STODDARD	102	43	59	24	13	11
STONE	48	12	36	8	1	7
SULLIVAN	12	7	5	0	0	0
TANEY	51	19	32	17	8	9
TEXAS	55	16	39	9	6	3
VERNON	51	19	32	9	5	4
WARREN	34	14	20	8	4	4
WASHINGTON	78	38	40	7	2	5
WAYNE	35	13	22	1	0	1
WEBSTER	57	19	38	10	5	5
WORTH	4	2	2	1	1	0
WRIGHT	45	10	35	7	2	5

Graph D

Resident Abortion Ratios per 1,000 Live Births

Missouri 1971-1989



	Recorded Abortions	*Resident Abortions*	*Resident Abortion Ratio*		*Recorded Abortions*	*Resident Abortions*	*Resident Abortion Ratio*		*Recorded Abortions*	*Resident Abortions*	*Resident Abortion Ratio*
1971	NA	4,582	58.5	1977	13,533	14,762	202.3	1983	19,199	20,024	265.2
1972	NA	6,943	95.8	1978	15,546	17,785	244.8	1984	20,204	20,037	269.2
1973	NA	8,589	125.2	1979	17,787	21,267	279.6	1985	19,482	19,210	250.5
1974	NA	10,486	151.1	1980	19,043	21,671	275.8	1986	19,039	18,824	250.6
1975	10,245	11,077	161.8	1981	18,604	20,738	270.2	1987	17,574	17,518	234.1
1976	12,885	13,869	201.6	1982	19,226	20,380	265.9	1988	17,382	18,379	241.5
								1989	17,495	18,639	239.7

Source: 1971-1974 Center for Disease Control; 1975-1989 Missouri Center for Health Statistics

TABLE 12 RESIDENT ABORTIONS BY RACE, AGE OF WOMAN AND TYPE OF PROCEDURE BY WEEKS OF GESTATION: MISSOURI 1989

		WEEKS OF GESTATION							
RACE	TOTAL	UNDER 9	9-10	11-12	13-14	15-16	17-20	21 AND OVER	UNKNOWN
TOTAL	18,639	7,863	5,602	2,868	1,078	459	529	205	35
WHITE	12,445	5,726	3,665	1,770	604	236	307	135	2
BLACK	5,789	1,936	1,842	1,061	459	213	214	64	0
OTHER	327	177	85	32	11	8	8	6	0
UNKNOWN	78	24	10	5	4	2	0	0	33
AGE									
TOTAL	18,639	7,863	5,602	2,868	1,078	459	529	205	35
UNDER 15	197	60	54	30	16	11	18	7	1
15	302	105	87	53	24	12	14	7	0
16	586	189	173	108	53	24	27	12	0
17	720	228	203	142	64	24	41	15	3
18	1,425	483	479	250	91	42	55	24	1
19	1,444	553	434	240	108	50	39	15	5
20-24	6,134	2,415	1,923	999	376	167	177	68	9
25-29	4,038	1,816	1,228	594	202	73	90	30	5
30-34	2,305	1,188	648	278	92	37	41	13	8
35-39	1,162	651	287	134	42	14	20	12	2
40 AND OVER	321	173	84	39	10	5	7	2	1
UNKNOWN	5	2	2	1	0	0	0	0	0
TYPE OF PROCEDURE									
TOTAL	18,639	7,863	5,602	2,868	1,078	459	529	205	35
CURETTAGE	17,347	7,790	5,528	2,784	931	210	60	16	28
INTRAUTERINE SALINE INSTILLATION	1	0	0	0	0	0	0	1	0
INTRAUTERINE PROSTAGLANDIN INSTILLATION	29	0	0	0	0	4	15	10	0
HYSTEROTOMY/HYSTERECTOMY	0	0	0	0	0	0	0	0	0
LAMINARIA D & E	1,168	34	46	72	143	244	451	178	0
OTHER	5	0	0	1	0	0	1	0	3
UNKNOWN	89	39	28	11	4	1	2	0	4

NOTE: WEEKS OF GESTATION IS COMPUTED FROM DATE OF LAST NORMAL MENSES UNLESS THE RESULT IS UNKNOWN OR ILLOGICAL; THEN THE CLINICAL ESTIMATE OF GESTATION IS USED.

TABLE 13 RESIDENT ABORTIONS BY AGE, MARITAL STATUS, AND EDUCATION, BY RACE: MISSOURI 1989

		RACE			
AGE	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	18,639	12,445	5,789	327	78
UNDER 15	197	70	125	0	2
15	302	189	107	5	1
16	586	376	204	4	2
17	720	486	223	7	4
18	1,425	1,013	398	10	4
19	1,444	983	437	18	6
20-24	6,134	3,978	2,048	87	21
25-29	4,038	2,740	1,218	64	16
30-34	2,305	1,557	662	70	16
35-39	1,162	810	301	46	5
40 AND OVER	321	242	62	16	1
UNKNOWN	5	1	4	0	0
MARITAL STATUS					
TOTAL	18,639	12,445	5,789	327	78
NEVER MARRIED	9,729	5,683	3,930	96	20
CURRENTLY MARRIED	4,027	2,918	944	156	9
FORMERLY MARRIED	2,042	1,661	345	29	7
UNMARRIED, UNSPECIFIED	2,511	1,989	483	38	1
UNKNOWN	330	194	87	8	41
YEARS OF EDUCATION					
TOTAL	18,639	12,445	5,789	327	78
0-8	358	191	151	12	4
9-11	3,346	2,299	1,007	38	2
12	8,517	5,633	2,771	101	12
13-15	4,262	2,839	1,352	63	8
16 OR MORE	1,680	1,258	339	78	5
UNKNOWN	476	225	169	35	47

TABLE 14A RESIDENT ABORTIONS AND RATIOS PER 1,000 LIVE BIRTHS BY COUNTY OF RESIDENCE: MISSOURI 1989

COUNTIES	NUMBER	RATIO	COUNTIES	NUMBER	RATIO	COUNTIES	NUMBER	RATIO
STATE TOTAL	18,639	239.7	GRUNDY	12	94.5	PETTIS	74	147.4
ADAIR	29	99.7	HARRISON	6	64.5	PHELPS	56	124.2
ANDREW	13	70.3	HENRY	30	127.1	PIKE	25	111.1
ATCHISON	6	72.3	HICKORY	9	130.4	PLATTE	126	149.8
AUDRAIN	39	139.3	HOLT	5	66.7	POLK	41	145.4
BARRY	35	106.7	HOWARD	14	125.0	PULASKI	91	124.1
BARTON	11	74.8	HOWELL	49	118.4	PUTNAM	0	0.0
BATES	15	76.5	IRON	15	97.4	RALLS	10	108.7
BENTON	12	87.6	JACKSON	3,509	319.8	RANDOLPH	53	164.1
BOLLINGER	4	25.3	JASPER	163	123.8	RAY	30	101.4
BOONE	609	355.7	JEFFERSON	525	186.9	REYNOLDS	3	36.6
BUCHANAN	202	161.9	JOHNSON	158	230.7	RIPLEY	6	35.1
BUTLER	77	151.0	KNOX	1	25.0	ST. CHARLES	730	195.1
CALDWELL	10	94.3	LACLEDE	35	83.9	ST. CLAIR	8	82.5
CALLAWAY	83	178.9	LAFAYETTE	59	141.5	ST. FRANCOIS	95	144.4
CAMDEN	47	136.2	LAWRENCE	54	123.9	STE. GENEVIEVE	18	79.3
CAPE GIRARDEAU	192	224.8	LEWIS	2	15.5	ST. LOUIS CITY	3,412	416.4
CARROLL	19	121.8	LINCOLN	62	138.7	ST. LOUIS COUNTY	4,891	338.7
CARTER	10	129.9	LINN	17	82.9	SALINE	41	134.0
CASS	143	155.3	LIVINGSTON	27	139.9	SCHUYLER	1	14.3
CEDAR	16	100.0	MC DONALD	18	67.2	SCOTLAND	1	14.5
CHARITON	5	43.9	MACON	18	113.2	SCOTT	79	133.0
CHRISTIAN	83	180.4	MADISON	16	122.1	SHANNON	8	65.6
CLARK	0	0.0	MARIES	6	75.0	SHELBY	7	74.5
CLAY	292	126.0	MARION	10	24.8	STODDARD	52	130.7
CLINTON	36	162.9	MERCER	1	27.8	STONE	30	134.5
COLE	172	182.4	MILLER	34	110.4	SULLIVAN	3	43.5
COOPER	31	164.9	MISSISSIPPI	25	112.6	TANEY	53	192.0
CRAWFORD	30	104.9	MONITEAU	17	101.8	TEXAS	20	79.7
DADE	10	86.2	MONROE	10	90.1	VERNON	35	127.3
DALLAS	10	63.3	MONTGOMERY	17	104.3	WARREN	46	145.1
DAVIESS	7	82.4	MORGAN	25	132.3	WASHINGTON	17	56.1
DE KALB	4	38.5	NEW MADRID	26	87.5	WAYNE	13	94.9
DENT	11	61.5	NEWTON	46	69.8	WEBSTER	36	99.4
DOUGLAS	8	55.2	NODAWAY	40	156.9	WORTH	4	129.0
DUNKLIN	50	110.1	OREGON	9	87.4	WRIGHT	18	75.9
FRANKLIN	184	151.4	OSAGE	5	33.8			
GASCONADE	18	98.4	OZARK	12	162.2			
GENTRY	10	135.1	PEMISCOT	40	97.6			
GREENE	795	287.4	PERRY	16	72.7			

TABLE 14B RESIDENT ABORTIONS AND RATIOS PER 1,000 LIVE BIRTHS BY REGIONAL PLANNING COMMISSION OF RESIDENCE: MISSOURI 1989

REGIONAL PLANNING COMMISSIONS	NUMBER	RATIO
MAJOR METRO REGIONS		
EAST-WEST GATEWAY	9,742	320.5
MID-AMERICA	4,100	267.1
MINOR METRO REGIONS		
SOUTHWEST MISSOURI	1,147	212.1
MID-MISSOURI	970	241.7
MO-KAN	255	145.1
OZARK GATEWAY	238	99.5
NONMETRO REGIONS		
NORTHWEST MISSOURI	65	125.5
GREEN HILLS	83	85.7
MISSOURI VALLEY	65	112.8
NORTHEAST MISSOURI	32	57.0
MARK TWAIN	135	87.9
BOONSLICK	125	134.8
KAYSINGER BASIN	125	106.8
SHOW-ME	291	181.4
SOUTH CENTRAL OZARK	124	92.1
MERAMEC	138	93.1
LAKE OF THE OZARKS	232	116.5
SOUTHEAST MISSOURI	356	148.2
BOOTHEEL	272	114.5
OZARK FOOTHILLS	109	111.6
MAJOR METRO TOTAL	13,842	302.6
MINOR METRO TOTAL	2,610	192.3
NONMETRO TOTAL	2,152	116.7
STATE TOTAL	18,639	239.7

TABLE 15 RESIDENT ABORTIONS BY AGE AND MARITAL STATUS OF WOMAN: MISSOURI 1989

		AGE									
MARITAL STATUS	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN
TOTAL	18,639	197	1,608	2,869	6,134	4,038	2,305	1,162	300	21	5
NEVER MARRIED	9,729	155	1,063	2,194	3,876	1,609	618	182	29	0	3
CURRENTLY MARRIED	4,027	0	21	141	1,030	1,264	904	506	147	14	0
FORMERLY MARRIED	2,042	0	7	26	327	676	554	354	92	6	0
UNKNOWN	2,841	42	517	508	901	489	229	120	32	1	2

TABLE 16 RESIDENT ABORTIONS BY NUMBER OF LIVING CHILDREN AND NUMBER OF PREVIOUS ABORTIONS: MISSOURI 1989

NUMBER OF LIVING CHILDREN	FREQUENCY OF PATIENTS	NUMBER OF PREVIOUS ABORTIONS	FREQUENCY OF PATIENTS
TOTAL	18,639	TOTAL	18,639
0	8,883	0	11,374
1	4,533	1	4,649
2	3,142	2	1,436
3	1,149	3	446
4	325	4	152
5	125	5	45
6+	58	6+	43
UNKNOWN	424	UNKNOWN	494

TABLE 17 RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	POPULATION	NUMBER					RATE		
		RESIDENT			RECORDED		RESIDENT		
		LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE
STATE TOTAL	5,159,000	77,755	50,169	27,586	79,866	51,679	15.1	9.7	5.3
ADAIR	23,200	291	202	89	610	336	12.5	8.7	3.8
ANDREW	15,200	185	149	36	1	83	12.2	9.8	2.4
ATCHISON	7,700	83	99	-16	140	109	10.8	12.9	-2.1
AUDRAIN	24,700	280	296	-16	237	324	11.3	12.0	-0.6
BARRY	28,000	328	336	-8	80	221	11.7	12.0	-0.3
BARTON	11,500	147	163	-16	115	114	12.8	14.2	-1.4
BATES	16,100	196	222	-26	41	153	12.2	13.8	-1.6
BENTON	13,400	137	182	-45	1	75	10.2	13.6	-3.4
BOLLINGER	11,100	158	134	24	2	64	14.2	12.1	2.2
BOONE	110,400	1,712	628	1,084	3,317	1,619	15.5	5.7	9.8
BUCHANAN	84,300	1,248	963	285	1,644	1,090	14.8	11.4	3.4
BUTLER	38,200	510	430	80	1,467	744	13.4	11.3	2.1
CALDWELL	8,300	106	101	5	6	37	12.8	12.2	0.6
CALLAWAY	32,800	464	278	186	176	182	14.1	8.5	5.7
CAMDEN	27,400	345	258	87	500	251	12.6	9.4	3.2
CAPE GIRARDEAU	62,600	854	600	254	1,612	1,082	13.6	9.6	4.1
CARROLL	11,000	156	168	-12	0	116	14.2	15.3	-1.1
CARTER	5,800	77	77	0	2	29	13.3	13.3	0.0
CASS	61,900	921	459	462	112	342	14.9	7.4	7.5
CEDAR	12,400	160	178	-18	107	133	12.9	14.4	-1.5
CHARITON	9,700	114	125	-11	0	87	11.8	12.9	-1.1
CHRISTIAN	31,200	460	255	205	3	115	14.7	8.2	6.6
CLARK	7,800	91	87	4	1	28	11.7	11.2	0.5
CLAY	149,600	2,318	1,076	1,242	2,087	1,225	15.5	7.2	8.3
CLINTON	16,900	221	196	25	18	193	13.1	11.6	1.5
COLE	65,200	943	546	397	1,401	771	14.5	8.4	6.1
COOPER	15,400	188	158	30	8	128	12.2	10.3	1.9
CRAWFORD	20,000	286	212	74	168	150	14.3	10.6	3.7
DADE	7,600	116	140	-24	13	105	15.3	18.4	-3.2
DALLAS	13,500	158	170	-12	1	80	11.7	12.6	-0.9
DAVIESS	8,400	85	91	-6	12	46	10.1	10.8	-0.7
DE KALB	8,100	104	105	-1	0	38	12.8	13.0	-0.1
DENT	14,400	179	189	-10	2	139	12.4	13.1	-0.7
DOUGLAS	12,500	145	131	14	2	44	11.6	10.5	1.1
DUNKLIN	34,000	454	487	-33	321	346	13.4	14.3	-1.0

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

		NUMBER					RATE		
		RESIDENT			RECORDED		RESIDENT		
COUNTIES	POPULATION	LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE
FRANKLIN	82,100	1,215	700	515	603	591	14.8	8.5	6.3
GASCONADE	13,700	183	184	-1	81	139	13.4	13.4	-0.1
GENTRY	7,100	74	114	-40	71	105	10.4	16.1	-5.6
GREENE	203,700	2,766	1,837	929	5,513	2,960	13.6	9.0	4.6
GRUNDY	10,700	127	175	-48	216	168	11.9	16.4	-4.5
HARRISON	8,900	93	155	-62	1	96	10.4	17.4	-7.0
HENRY	20,100	236	286	-50	347	307	11.7	14.2	-2.5
HICKORY	7,400	69	110	-41	0	46	9.3	14.9	-5.5
HOLT	6,200	75	78	-3	0	26	12.1	12.6	-0.5
HOWARD	9,700	112	135	-23	69	96	11.5	13.9	-2.4
HOWELL	30,700	414	398	16	650	481	13.5	13.0	0.5
IRON	11,000	154	154	0	2	128	14.0	14.0	0.0
JACKSON	638,600	10,972	6,230	4,742	14,705	7,432	17.2	9.8	7.4
JASPER	90,900	1,317	951	366	3	1,076	14.5	10.5	4.0
JEFFERSON	174,900	2,809	1,068	1,741	541	646	16.1	6.1	10.0
JOHNSON	39,100	685	267	418	553	227	17.5	6.8	10.7
KNOX	4,700	40	67	-27	1	32	8.5	14.3	-5.7
LACLEDE	27,800	417	280	137	2	186	15.0	10.1	4.9
LAFAYETTE	31,200	417	380	37	211	258	13.4	12.2	1.2
LAWRENCE	31,000	436	377	59	40	339	14.1	12.2	1.9
LEWIS	9,900	129	130	-1	0	89	13.0	13.1	-0.1
LINCOLN	28,700	447	258	189	108	206	15.6	9.0	6.6
LINN	14,200	205	215	-10	126	150	14.4	15.1	-0.7
LIVINGSTON	15,300	193	203	-10	388	185	12.6	13.3	-0.7
MC DONALD	16,800	268	154	114	2	67	16.0	9.2	6.8
MACON	16,100	159	203	-44	44	183	9.9	12.6	-2.7
MADISON	11,600	131	145	-14	110	105	11.3	12.5	-1.2
MARIES	8,200	80	102	-22	2	32	9.8	12.4	-2.7
MARION	28,200	403	337	66	507	350	14.3	12.0	2.3
MERCER	3,900	36	52	-16	0	23	9.2	13.3	-4.1
MILLER	21,500	308	195	113	7	77	14.3	9.1	5.3
MISSISSIPPI	15,000	222	199	23	1	103	14.8	13.3	1.5
MONITEAU	12,900	167	121	46	10	69	12.9	9.4	3.6
MONROE	9,400	111	104	7	3	51	11.8	11.1	0.7
MONTGOMERY	11,600	163	154	9	0	80	14.1	13.3	0.8

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

		NUMBER					RATE		
		RESIDENT			RECORDED		RESIDENT		
COUNTIES	POPULATION	LIVE BIRTHS	DEATHS	NATURAL INCREASE	LIVE BIRTHS	DEATHS	LIVE BIRTHS	DEATHS	NATURAL INCREASE
MORGAN	16,200	189	211	-22	4	122	11.7	13.0	-1.4
NEW MADRID	20,900	297	249	48	0	99	14.2	11.9	2.3
NEWTON	44,800	659	405	254	2,385	553	14.7	9.0	5.7
NODAWAY	20,700	255	209	46	274	168	12.3	10.1	2.2
OREGON	9,800	103	111	-8	1	36	10.5	11.3	-0.8
OSAGE	12,200	148	112	36	1	38	12.1	9.2	3.0
OZARK	9,000	74	108	-34	2	55	8.2	12.0	-3.8
PEMISCOT	23,000	410	284	126	220	211	17.8	12.3	5.5
PERRY	17,100	220	190	30	133	151	12.9	11.1	1.8
PETTIS	36,300	502	387	115	577	410	13.8	10.7	3.2
PHELPS	34,600	451	367	84	1,045	525	13.0	10.6	2.4
PIKE	16,700	225	204	21	84	176	13.5	12.2	1.3
PLATTE	56,800	841	332	509	213	190	14.8	5.8	9.0
POLK	21,300	282	227	55	213	218	13.2	10.7	2.6
PULASKI	43,200	733	238	495	493	134	17.0	5.5	11.5
PUTNAM	5,300	55	90	-35	43	65	10.4	17.0	-6.6
RALLS	8,700	92	84	8	0	31	10.6	9.7	0.9
RANDOLPH	25,600	323	277	46	362	252	12.6	10.8	1.8
RAY	22,400	296	201	95	6	130	13.2	9.0	4.2
REYNOLDS	6,500	82	74	8	42	61	12.6	11.4	1.2
RIPLEY	13,000	171	170	1	1	99	13.2	13.1	0.1
ST. CHARLES	209,900	3,741	1,059	2,682	2,603	1,013	17.8	5.0	12.8
ST. CLAIR	8,300	97	132	-35	89	122	11.7	15.9	-4.2
ST. FRANCOIS	47,700	658	562	96	808	555	13.8	11.8	2.0
STE. GENEVIEVE	16,400	227	126	101	95	105	13.8	7.7	6.2
ST. LOUIS CITY	405,200	8,194	5,648	2,546	10,926	7,092	20.2	13.9	6.3
ST. LOUIS COUNTY	1,009,400	14,441	8,347	6,094	18,399	8,976	14.3	8.3	6.0
SALINE	24,200	306	294	12	211	233	12.6	12.1	0.5
SCHUYLER	4,200	70	67	3	0	15	16.7	16.0	0.7
SCOTLAND	4,900	69	89	-20	7	74	14.1	18.2	-4.1
SCOTT	40,400	594	398	196	720	445	14.7	9.9	4.9
SHANNON	8,000	122	75	47	0	35	15.3	9.4	5.9
SHELBY	7,200	94	108	-14	1	72	13.1	15.0	-1.9
STODDARD	28,500	398	335	63	4	235	14.0	11.8	2.2
STONE	19,300	223	213	10	1	87	11.6	11.0	0.5

TABLE 17(CONT) RESIDENT AND RECORDED LIVE BIRTHS, DEATHS AND NATURAL INCREASE WITH RATES BY COUNTIES AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	POPULATION	NUMBER RESIDENT LIVE BIRTHS	RESIDENT DEATHS	RESIDENT NATURAL INCREASE	RECORDED LIVE BIRTHS	RECORDED DEATHS	RATE RESIDENT LIVE BIRTHS	RESIDENT DEATHS	RESIDENT NATURAL INCREASE
SULLIVAN	6,600	69	124	-55	0	83	10.5	18.8	-8.3
TANEY	25,700	276	286	-10	121	272	10.7	11.1	-0.4
TEXAS	21,500	251	251	0	178	166	11.7	11.7	0.0
VERNON	19,700	275	199	76	254	164	14.0	10.1	3.9
WARREN	20,000	317	152	165	3	66	15.9	7.6	8.3
WASHINGTON	19,400	303	177	126	1	115	15.6	9.1	6.5
WAYNE	12,300	137	161	-24	0	57	11.1	13.1	-2.0
WEBSTER	23,600	362	198	164	32	89	15.3	8.4	6.9
WORTH	2,600	31	46	-15	0	28	11.9	17.7	-5.8
WRIGHT	16,800	237	183	54	190	148	14.1	10.9	3.2
CITIES OVER 25,000 POPULATION									
BLUE SPRINGS	37,660	673	189	484	490	244	17.9	5.0	12.8
CAPE GIRARDEAU	34,260	459	368	91	1,609	978	13.4	10.7	2.7
COLUMBIA	64,330	986	428	558	3,314	1,524	15.3	6.7	8.7
FLORISSANT	60,560	687	450	237	1,610	466	11.3	7.4	3.9
INDEPENDENCE	115,090	1,730	1,030	700	1,469	910	15.0	8.9	6.1
JEFFERSON CITY	34,550	517	416	101	1,399	744	14.9	12.0	2.9
KIRKWOOD	27,180	361	289	72	1,000	547	13.3	10.6	2.6
LEES SUMMIT	42,310	761	355	406	1	318	18.0	8.4	9.6
RAYTOWN	31,050	390	284	106	0	92	12.5	9.1	3.4
ST. CHARLES	42,260	1,045	418	627	1,523	559	24.7	9.9	14.8
ST. JOSEPH	73,490	1,106	877	229	1,644	1,065	15.0	11.9	3.1
ST. LOUIS CITY	405,200	8,194	5,648	2,546	10,926	7,092	20.2	13.9	6.3
SPRINGFIELD	142,690	1,971	1,513	458	5,509	2,857	13.8	10.6	3.2
UNIVERSITY CITY	41,600	671	400	271	3	180	16.1	9.6	6.5
MULTI-COUNTY CITIES									
JOPLIN	41,630	668	491	177	2,317	1,087	16.1	11.8	4.3
JASPER CO. PART	38,320	607	438	169	1	777	15.8	11.4	4.4
NEWTON CO. PART	3,310	61	53	8	2,316	310	18.5	16.1	2.4
KANSAS CITY	438,950	8,071	4,495	3,576	12,952	5,957	18.4	10.2	8.1
JACKSON CO. PART	354,440	6,540	3,958	2,582	12,740	5,746	18.5	11.2	7.3
CLAY CO. PART	64,170	1,144	392	752	1	112	17.8	6.1	11.7
PLATTE CO. PART	20,340	387	145	242	211	99	19.1	7.1	11.9

TABLE 18 RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1989

CITIES WITH 10,000 TO 24,999 POPULATION	RESIDENT LIVE BIRTHS	RESIDENT DEATHS	RECORDED LIVE BIRTHS	RECORDED DEATHS
ARNOLD	293	105	2	34
BALLWIN	177	92	3	142
BELLEFONTAINE NGHS.	140	147	0	53
BELTON	336	87	1	93
BERKELEY	257	112	0	13
BRIDGETON	238	168	1,490	648
CARTHAGE	159	150	0	176
CLAYTON	103	96	0	18
CRESTWOOD	123	103	1	17
CREVE COEUR	98	105	6,228	876
EXCELSIOR SPRINGS	185	109	89	112
CLAY CO. PART	176	108	89	112
RAY CO. PART	9	1	0	0
FERGUSON	378	204	1	84
FULTON	115	147	175	131
GLADSTONE	318	193	2	99
GRANDVIEW	397	160	2	48
HANNIBAL	274	231	507	283
MARION CO. PART	272	229	507	281
RALLS CO. PART	2	2	0	2
HAZELWOOD	209	103	0	24
JENNINGS	297	187	5	43
KENNETT	162	152	321	208
KIRKSVILLE	196	140	610	328
LIBERTY	342	126	65	260
MAPLEWOOD	199	88	3	24
MARSHALL	173	137	189	151
MEXICO	145	176	229	288
MOBERLY	184	172	361	227
OVERLAND	327	180	2	42
POPLAR BLUFF	263	238	1,467	710
RICHMOND HEIGHTS	138	116	2,801	613
ROLLA	183	125	1,044	431
ST. ANN	242	122	1	38
ST. PETERS	641	114	639	137
SEDALIA	283	270	570	385
SIKESTON	291	200	717	391
NEW MADRID CO. PART	6	5	0	3
SCOTT CO. PART	285	195	717	388
WARRENSBURG	171	122	267	187
WEBSTER GROVES	311	246	4	74

TABLE 18(CONT) RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1989

CITIES WITH 2,500 TO 9,999 POPULATION	RESIDENT LIVE BIRTHS	RESIDENT DEATHS	RECORDED LIVE BIRTHS	RECORDED DEATHS
AURORA	99	95	4	132
AVA	37	54	0	23
BEL RIDGE	64	23	2	5
BETHANY	38	73	1	84
BLACK JACK	58	62	0	43
BOLIVAR	87	92	212	170
BONNE TERRE	52	60	0	74
BOONVILLE	82	88	0	42
BOWLING GREEN	48	59	0	34
BRANSON	49	60	121	172
BRECKENRIDGE HILLS	115	52	1	11
BRENTWOOD	135	71	1	18
BROOKFIELD	82	101	125	120
BUCKNER	60	11	0	2
BUTLER	50	78	40	110
CALIFORNIA	49	49	1	37
CAMERON	66	65	18	119
CLINTON CO. PART	54	43	18	104
DE KALB CO. PART	12	22	0	15
CARL JUNCTION	59	19	0	11
CARROLLTON	67	81	0	99
CARUTHERSVILLE	147	97	1	24
CENTRALIA	39	44	0	19
CHAFFEE	49	39	0	31
CHARLESTON	90	78	0	56
CHILLICOTHE	130	132	388	158
CLINTON	104	145	347	252
CRYSTAL CITY	43	43	521	233
DELLWOOD	85	37	0	9
DESLOGE	54	57	1	12
DESOTO	93	60	2	17
DES PERES	87	58	0	28
DEXTER	115	104	2	155
EAST PRAIRIE	48	60	0	22
ELDON	56	59	3	20

CITIES WITH 2,500 TO 9,999 POPULATION	RESIDENT LIVE BIRTHS	RESIDENT DEATHS	RECORDED LIVE BIRTHS	RECORDED DEATHS
ELDORADO SPRINGS	70	88	106	83
ELLISVILLE	85	45	0	31
EUREKA	59	48	1	56
FARMINGTON	137	170	805	373
FAYETTE	33	55	69	74
FESTUS	135	95	2	31
FLAT RIVER	81	60	1	54
FREDERICKTOWN	50	88	109	97
FRONTENAC	37	19	0	3
GLENDALE	100	42	2	6
HARRISONVILLE	132	115	110	158
HAYTI	96	50	218	142
HERMANN	37	38	80	50
HIGGINSVILLE	72	78	0	36
HOLTS SUMMIT	37	13	0	1
JACKSON	151	110	0	75
KINLOCH	75	38	1	6
LADUE	74	79	1	21
LAKE ST. LOUIS	83	24	288	101
LAMAR	55	71	114	93
LEBANON	169	141	1	145
LEXINGTON	66	79	210	125
LOUISIANA	55	75	79	119
MACON	58	98	44	157
MALDEN	96	92	0	55
MANCHESTER	91	35	0	67
MARCELINE	42	39	0	14
MARSHFIELD	67	59	1	15
MARYVILLE	96	93	273	141
MOLINE ACRES	46	20	0	8
MONETT	79	105	75	120
BARRY CO. PART	58	88	75	118
LAWRENCE CO. PART	21	17	0	2
MONROE CITY	41	28	0	20
MARION CO. PART	4	9	0	12

TABLE 18(CONT) RESIDENT AND RECORDED LIVE BIRTHS AND DEATHS BY CITIES WITH 2,500-24,999 POPULATION: MISSOURI 1989

CITIES WITH 2,500 TO 9,999 POPULATION	RESIDENT LIVE BIRTHS	RESIDENT DEATHS	RECORDED LIVE BIRTHS	RECORDED DEATHS
MONROE CO. PART	37	19	0	8
MOUNTAIN GROVE	65	72	0	28
MOUNT VERNON	45	61	34	128
NEOSHO	156	123	60	193
NEVADA	136	113	254	135
NEW MADRID	56	49	0	23
NIXA	83	51	0	30
NORMANDY	83	62	7	297
NORTH KANSAS CITY	39	78	1,571	454
NORTHWOODS	59	59	0	8
OAK GROVE	91	54	0	28
ODESSA	63	39	0	20
O'FALLON	356	68	2	51
OLIVETTE	77	66	1	14
OZARK	69	55	0	44
PACIFIC	89	47	1	31
FRANKLIN CO. PART	83	47	1	30
ST. LOUIS CO. PART	6	0	0	1
PAGEDALE	92	34	0	6
PALMYRA	42	55	0	37
PERRYVILLE	87	135	131	126
PEVELY	76	18	0	5
PINE LAWN	135	48	1	5
PLEASANT HILL	69	38	0	8
PORTAGEVILLE	57	30	0	7
POTOSI	50	37	0	15
RAYMORE	91	57	0	27
REPUBLIC	77	42	0	17
RICHMOND	85	86	6	96
RIVERSIDE	49	27	0	31
RIVERVIEW	83	38	0	11
ROCK HILL	89	42	0	12
ST. CLAIR	83	44	1	15
ST. JAMES	42	89	1	50
ST. JOHN	117	76	2	20
STE. GENEVIEVE	78	67	94	90
SALEM	69	83	1	57
SAVANNAH	49	76	0	47
SCOTT CITY	54	38	0	6
SHREWSBURY	85	102	0	74
SUGAR CREEK	53	38	0	7
SULLIVAN	103	89	168	135
CRAWFORD CO. PART	13	9	168	81
FRANKLIN CO. PART	90	80	0	54
SUNSET HILLS	45	62	0	36
TOWN AND COUNTRY	40	80	984	381
TRENTON	70	137	214	156
TROY	68	52	105	138
UNION	84	64	2	31
VALLEY PARK	76	36	1	51
VANDALIA	33	46	0	10
WARRENTON	58	61	1	36
WASHINGTON	167	123	596	356
WAYNESVILLE	62	30	0	10
WEBB CITY	88	93	0	40
WELLSTON	130	41	1	4
WENTZVILLE	89	64	149	104
WEST PLAINS	138	178	579	364
WINDSOR	35	54	0	24
HENRY CO. PART	35	54	0	24
PETTIS CO. PART	0	0	0	0
WOODSON TERRACE	60	45	0	8

TABLE 19 TWELVE LEADING CAUSES OF DEATH BY RACE WITH PERCENTAGES AND WITH RATES PER 100,000 FOR ALL RACES, RESIDENT DATA: MISSOURI 1989

RANK (ALL RACES)	NUMBER	CRUDE RATE	AGE-ADJ RATE	PERCENT OF TOTAL
1. DISEASES OF HEART	17,633	341.8	280.1	35.1
2. MALIGNANT NEOPLASMS	11,614	225.1	203.1	23.1
3. CEREBROVASCULAR DISEASE	3,458	67.0	53.0	6.9
4. CHRONIC PULMONARY DISEASE	2,204	42.7	37.0	4.4
5. ACCIDENTAL DEATHS	2,017	39.1	36.5	4.0
6. PNEUMONIA & INFLUENZA	1,824	35.4	26.8	3.6
7. DIABETES MELLITUS	1,073	20.8	17.8	2.1
8. SUICIDE	669	13.0	11.7	1.3
9. NEPHRITIS & NEPHROSIS	520	10.1	8.1	1.0
10. HOMICIDE & LEGAL INTERV	448	8.7	8.2	0.9
11. ATHEROSCLEROSIS	436	8.5	6.2	0.9
12. LIVER DISEASE & CIRRHOSIS	411	8.0	7.5	0.8
ALL OTHER CAUSES	7,862	152.4	128.6	15.7
TOTAL (ALL CAUSES)	50,169	972.5	824.5	100.0

RANK (WHITE)	NUMBER	PERCENT OF TOTAL
1. DISEASES OF HEART	15,991	35.8
2. MALIGNANT NEOPLASMS	10,359	23.2
3. CEREBROVASCULAR DISEASE	3,110	7.0
4. CHRONIC PULMONARY DISEASE	2,065	4.6
5. ACCIDENTAL DEATHS	1,771	4.0
6. PNEUMONIA & INFLUENZA	1,685	3.8
7. DIABETES MELLITUS	900	2.0
8. SUICIDE	630	1.4
9. NEPHRITIS & NEPHROSIS	432	1.0
10. ATHEROSCLEROSIS	404	0.9
11. LIVER DISEASE & CIRRHOSIS	357	0.8
12. CONGENITAL ANOMALIES	229	0.5
ALL OTHER CAUSES	6,705	15.0
TOTAL (ALL CAUSES)	44,638	100.0

RANK (BLACK)	NUMBER	PERCENT OF TOTAL
1. DISEASES OF HEART	1,568	29.7
2. MALIGNANT NEOPLASMS	1,194	22.6
3. CEREBROVASCULAR DISEASE	333	6.3
4. HOMICIDE & LEGAL INTERV	265	5.0
5. ACCIDENTAL DEATHS	223	4.2
6. DIABETES MELLITUS	171	3.2
7. CHRONIC PULMONARY DISEASE	134	2.5
8. PNEUMONIA & INFLUENZA	132	2.5
9. DISEASES OF EARLY INFANCY	104	2.0
10. NEPHRITIS & NEPHROSIS	85	1.6
11. AIDS	59	1.1
12. LIVER DISEASE & CIRRHOSIS	53	1.0
ALL OTHER CAUSES	965	18.3
TOTAL (ALL CAUSES)	5,286	100.0

TABLE 20

FIVE LEADING CAUSES OF DEATH FOR SELECTED AGE GROUPS
WITH PERCENTAGES, RESIDENT DATA: MISSOURI 1989

CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL
UNDER 1 YEAR		
1. DISEASES OF EARLY INFANCY	323	42.1
2. CONGENITAL ANOMALIES	178	23.2
3. ACCIDENTAL DEATHS	17	2.2
4. DISEASES OF HEART	16	2.1
5. HOMICIDE & LEGAL INTERV.	10	1.3
TOTAL (ALL CAUSES)	767	100.0
1-4 YEARS		
1. ACCIDENTAL DEATHS	64	40.8
2. CONGENITAL ANOMALIES	26	16.6
3. HOMICIDE & LEGAL INTERV.	17	10.8
4. MALIGNANT NEOPLASMS	13	8.3
5. DISEASES OF HEART	5	3.2
TOTAL (ALL CAUSES)	157	100.0
5-14 YEARS		
1. ACCIDENTAL DEATHS	86	46.7
2. MALIGNANT NEOPLASMS	22	12.0
3. HOMICIDE & LEGAL INTERV.	13	7.1
4. SUICIDE	10	5.4
5. CONGENITAL ANOMALIES	8	4.3
TOTAL (ALL CAUSES)	184	100.0
15-24 YEARS		
1. ACCIDENTAL DEATHS	393	49.7
2. HOMICIDE & LEGAL INTERV.	133	16.8
3. SUICIDE	102	12.9
4. MALIGNANT NEOPLASMS	33	4.2
5. DISEASES OF HEART	18	2.3
TOTAL (ALL CAUSES)	791	100.0
25-34 YEARS		
1. ACCIDENTAL DEATHS	333	30.2
2. SUICIDE	155	14.1
3. HOMICIDE & LEGAL INTERV.	121	11.0
4. AIDS	109	9.9
5. MALIGNANT NEOPLASMS	103	9.3
TOTAL (ALL CAUSES)	1,102	100.0
35-44 YEARS		
1. MALIGNANT NEOPLASMS	331	23.3
2. DISEASES OF HEART	241	16.9
3. ACCIDENTAL DEATHS	205	14.4
4. SUICIDE	119	8.4
5. AIDS	108	7.6
TOTAL (ALL CAUSES)	1,422	100.0
45-54 YEARS		
1. MALIGNANT NEOPLASMS	858	37.0
2. DISEASES OF HEART	628	27.1
3. ACCIDENTAL DEATHS	133	5.7
4. CEREBROVASCULAR DISEASE	102	4.4
5. SUICIDE	77	3.3
TOTAL (ALL CAUSES)	2,317	100.0
55-64 YEARS		
1. MALIGNANT NEOPLASMS	2,226	38.8
2. DISEASES OF HEART	1,763	30.8
3. CHRONIC PULMONARY DISEASE	295	5.1
4. CEREBROVASCULAR DISEASE	217	3.8
5. ACCIDENTAL DEATHS	165	2.9
TOTAL (ALL CAUSES)	5,733	100.0
65-74 YEARS		
1. DISEASES OF HEART	3,640	34.3
2. MALIGNANT NEOPLASMS	3,429	32.4
3. CHRONIC PULMONARY DISEASE	693	6.5
4. CEREBROVASCULAR DISEASE	568	5.4
5. DIABETES MELLITUS	273	2.6
TOTAL (ALL CAUSES)	10,598	100.0
75-84 YEARS		
1. DISEASES OF HEART	5,774	39.0
2. MALIGNANT NEOPLASMS	3,271	22.1
3. CEREBROVASCULAR DISEASE	1,235	8.3
4. CHRONIC PULMONARY DISEASE	827	5.6
5. PNEUMONIA & INFLUENZA	583	3.9
TOTAL (ALL CAUSES)	14,813	100.0
85-YEARS & OVER		
1. DISEASES OF HEART	5,477	44.6
2. MALIGNANT NEOPLASMS	1,324	10.8
3. CEREBROVASCULAR DISEASE	1,281	10.4
4. PNEUMONIA & INFLUENZA	890	7.2
5. CHRONIC PULMONARY DISEASE	332	2.7
TOTAL (ALL CAUSES)	12,280	100.0

TABLE 21

RESIDENT DEATHS, AGE GROUPS BY RACE BY SEX
WITH AGE-SPECIFIC RATES PER 1,000 BY SEX: MISSOURI 1989

AGE AT DEATH	ALL RACES NUMBER TOTAL	ALL RACES NUMBER MALE	ALL RACES NUMBER FEMALE	ALL RACES AGE-SPECIFIC RATE TOTAL	ALL RACES AGE-SPECIFIC RATE MALE	ALL RACES AGE-SPECIFIC RATE FEMALE	WHITE NUMBER TOTAL	WHITE NUMBER MALE	WHITE NUMBER FEMALE	BLACK NUMBER TOTAL	BLACK NUMBER MALE	BLACK NUMBER FEMALE
ALL AGES	50,169	25,398	24,771	9.7	10.2	9.3	44,638	22,461	22,177	5,286	2,798	2,488
UNDER 1 YEAR	767	437	330	10.0	10.9	8.9	539	304	235	221	128	93
1-4 YEARS	157	88	69	0.5	0.6	0.5	117	65	52	38	22	16
5-9 YEARS	78	42	36	0.2	0.2	0.2	60	35	25	17	7	10
10-14 YEARS	106	72	34	0.3	0.4	0.2	79	57	22	25	14	11
15-19 YEARS	383	260	123	1.0	1.4	0.7	310	199	111	68	58	10
20-24 YEARS	408	315	93	1.1	1.7	0.5	305	229	76	97	82	15
25-29 YEARS	529	389	140	1.2	1.8	0.6	426	311	115	97	75	22
30-34 YEARS	573	422	151	1.3	1.9	0.7	428	317	111	137	102	35
35-39 YEARS	633	455	178	1.6	2.4	0.9	487	346	141	136	102	34
40-44 YEARS	789	516	273	2.3	3.1	1.6	627	417	210	156	95	61
45-49 YEARS	948	608	340	3.3	4.4	2.3	770	503	267	172	103	69
50-54 YEARS	1,369	823	546	5.6	7.0	4.3	1,105	660	445	250	155	95
55-59 YEARS	2,250	1,413	837	9.7	12.7	6.9	1,890	1,206	684	347	198	149
60-64 YEARS	3,483	2,137	1,346	14.8	19.6	10.7	3,012	1,876	1,136	451	247	204
65-69 YEARS	4,785	2,832	1,953	21.7	28.3	16.1	4,239	2,517	1,722	518	302	216
70-74 YEARS	5,813	3,323	2,490	32.7	43.7	24.4	5,237	3,024	2,213	554	282	272
75-79 YEARS	7,179	3,743	3,436	49.9	66.8	39.0	6,562	3,439	3,123	591	288	303
80-84 YEARS	7,634	3,532	4,102	79.5	107.0	65.1	7,005	3,254	3,751	601	265	336
85 AND OVER	12,280	3,988	8,292	155.4	189.9	143.0	11,437	3,700	7,737	808	272	536
UNKNOWN AGE	5	3	2				3	2	1	2	1	1

TABLE 22A RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1989

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	50,169	767	157	78	106	383	408	529	573	633	789
CAUSES OF DEATH											
TUBERCULOSIS	19	0	0	0	0	0	1	0	0	1	0
AIDS	283	2	0	0	0	3	5	45	64	60	48
SYPHILIS	2	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	510	8	5	0	1	3	5	6	6	5	11
MALIGNANT NEOPLASMS	11,614	3	13	14	8	16	17	33	70	114	217
DIGESTIVE ORGANS	2,604	0	0	0	0	0	1	3	9	12	37
RESPIRATORY ORGANS	3,530	1	0	0	0	0	1	1	7	18	48
BREAST	1,000	0	0	0	0	0	0	3	6	26	44
GENITAL ORGANS	1,263	0	0	0	0	0	1	5	9	14	16
URINARY ORGANS	458	1	0	0	0	0	0	1	1	5	5
LEUKEMIA	430	0	2	6	3	6	8	3	6	6	11
OTHER MALIG. NEOPL.	2,329	1	11	8	5	10	6	17	32	33	56
DIABETES MELLITUS	1,073	1	0	0	0	2	1	8	9	11	22
MAJOR CARDIOVASC. DISEASE	22,304	20	5	2	3	11	14	33	49	102	179
DISEASES OF HEART	17,633	16	5	2	2	7	11	25	38	85	156
RHEUMATIC FEVER & RHEUM. HEART DISEASE	112	0	0	0	0	0	0	1	1	1	3
HYPERTENSIVE HEART	456	0	0	0	0	0	1	0	3	2	9
ISCHEMIC HEART	12,681	2	0	0	1	2	2	10	14	54	98
OTHER HEART DISEASE	4,384	14	5	2	1	5	8	14	20	28	46
HYPERTENSION	208	0	0	0	0	0	0	0	2	0	2
CEREBROVASCULAR DISEASE	3,458	3	0	0	1	3	2	8	7	13	18
ATHEROSCLEROSIS	436	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	569	1	0	0	0	1	1	0	2	4	3
PNEUMONIA & INFLUENZA	1,824	8	1	1	2	2	2	4	8	9	10
CHRONIC PULMONARY DISEASE	2,204	0	1	0	3	0	0	2	2	2	9
ULCER OF STOMACH	137	0	0	0	0	0	0	1	1	0	1
LIVER DISEASE & CIRRHOSIS	411	1	0	0	0	0	1	2	7	19	25
NEPHRITIS & NEPHROSIS	520	2	1	0	0	1	2	1	2	8	7
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	5	0	0	0	0	1	0	2	1	0	1
CONGENITAL ANOMALIES	272	178	26	4	4	6	2	10	4	0	2
DISEASES OF EARLY INFANCY	323	323	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	514	155	4	0	1	5	2	6	4	10	5
ALL OTHER DISEASES	4,938	39	20	14	14	21	24	46	54	54	79
ACCIDENTAL DEATHS	2,017	17	64	40	46	209	184	182	151	109	96
MOTOR VEHICLE	1,047	2	24	14	27	176	138	138	100	65	55
OTHER ACC. DEATHS	970	15	40	26	19	33	46	44	51	44	41
SUICIDE	669	0	0	0	10	41	61	73	82	79	40
HOMICIDE & LEGAL INTERV	448	10	17	3	10	58	75	67	54	46	30
ALL OTHER EXTERNAL CAUSES	82	0	0	0	4	4	12	8	5	4	7

TABLE 22A (CONT) RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1989

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	948	1,369	2,250	3,483	4,785	5,813	7,179	7,634	12,280	5
CAUSES OF DEATH										
TUBERCULOSIS	0	2	1	1	1	2	2	4	4	0
AIDS	24	14	9	5	0	3	1	0	0	0
SYPHILIS	0	0	0	0	0	0	1	0	1	0
RESIDUAL OF INFECT. DIS.	10	8	23	30	44	60	67	73	145	0
MALIGNANT NEOPLASMS	338	520	907	1,319	1,615	1,814	1,838	1,433	1,324	1
DIGESTIVE ORGANS	61	81	181	250	327	396	452	373	421	0
RESPIRATORY ORGANS	97	197	320	494	631	634	529	360	192	0
BREAST	46	62	88	119	130	129	133	90	124	0
GENITAL ORGANS	27	30	62	109	134	187	251	220	198	0
URINARY ORGANS	13	15	38	53	51	61	75	65	74	0
LEUKEMIA	12	13	26	34	36	67	70	59	62	0
OTHER MALIG. NEOPL.	82	122	192	260	306	340	328	266	253	1
DIABETES MELLITUS	20	29	60	73	132	141	184	166	214	0
MAJOR CARDIOVASC. DISEASE	266	486	751	1,315	1,990	2,476	3,342	4,071	7,185	4
DISEASES OF HEART	226	402	665	1,098	1,637	2,003	2,697	3,077	5,477	4
RHEUMATIC FEVER & RHEUM. HEART DISEASE	3	7	9	6	13	17	15	21	15	0
HYPERTENSIVE HEART	8	19	13	35	38	48	64	76	140	0
ISCHEMIC HEART	163	275	491	808	1,200	1,506	2,013	2,249	3,791	2
OTHER HEART DISEASE	52	101	152	249	386	432	605	731	1,531	2
HYPERTENSION	2	5	3	16	17	21	25	55	60	0
CEREBROVASCULAR DISEASE	34	68	65	152	225	343	497	738	1,281	0
ATHEROSCLEROSIS	0	2	5	9	22	23	38	85	252	0
OTHER MAJOR CARDIOVASC.	4	9	13	40	89	86	85	116	115	0
PNEUMONIA & INFLUENZA	16	14	29	47	66	132	235	348	890	0
CHRONIC PULMONARY DISEASE	14	24	104	191	293	400	474	353	332	0
ULCER OF STOMACH	1	4	5	4	10	9	29	33	39	0
LIVER DISEASE & CIRRHOSIS	26	26	56	50	62	50	46	20	20	0
NEPHRITIS & NEPHROSIS	8	5	16	20	48	53	71	110	165	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	6	2	4	6	4	5	5	3	1	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	3	15	10	24	23	39	42	41	125	0
ALL OTHER DISEASES	77	110	148	256	348	491	699	830	1,614	0
ACCIDENTAL DEATHS	68	65	71	94	106	91	114	117	193	0
MOTOR VEHICLE	33	37	37	47	43	34	32	28	17	0
OTHER ACC. DEATHS	35	28	34	47	63	57	82	89	176	0
SUICIDE	48	29	36	41	35	32	21	24	17	0
HOMICIDE & LEGAL INTERV	19	12	17	4	4	10	5	5	2	0
ALL OTHER EXTERNAL CAUSES	4	4	3	3	4	5	3	3	9	0

TABLE 22B MALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1989

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	25,398	437	88	42	72	260	315	389	422	455	516
CAUSES OF DEATH											
TUBERCULOSIS	11	0	0	0	0	0	0	0	0	1	0
AIDS	276	1	0	0	0	3	5	43	63	60	47
SYPHILIS	1	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	243	6	3	0	0	2	3	5	3	2	9
MALIGNANT NEOPLASMS	6,187	3	10	7	3	12	10	17	38	53	95
DIGESTIVE ORGANS	1,343	0	0	0	0	0	0	1	5	6	24
RESPIRATORY ORGANS	2,363	1	0	0	0	0	1	1	5	15	29
BREAST	4	0	0	0	0	0	0	0	0	0	0
GENITAL ORGANS	704	0	0	0	0	0	1	3	2	3	1
URINARY ORGANS	288	1	0	0	0	0	0	1	1	3	3
LEUKEMIA	233	0	1	2	2	4	5	3	4	3	7
OTHER MALIG. NEOPL.	1,252	1	9	5	1	8	3	8	21	23	31
DIABETES MELLITUS	444	0	0	0	0	0	1	5	4	10	15
MAJOR CARDIOVASC. DISEASE	10,584	9	4	0	1	2	7	24	34	79	136
DISEASES OF HEART	8,676	7	4	0	0	2	6	20	28	69	121
RHEUMATIC FEVER & RHEUM. HEART DISEASE	30	0	0	0	0	0	0	1	1	0	0
HYPERTENSIVE HEART	165	0	0	0	0	0	0	0	2	1	7
ISCHEMIC HEART	6,463	0	0	0	0	0	1	9	12	50	87
OTHER HEART DISEASE	2,018	7	4	0	0	2	5	10	13	18	27
HYPERTENSION	88	0	0	0	0	0	0	0	1	0	1
CEREBROVASCULAR DISEASE	1,332	2	0	0	1	0	1	4	4	7	11
ATHEROSCLEROSIS	151	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	337	0	0	0	0	0	0	0	1	3	3
PNEUMONIA & INFLUENZA	780	5	1	0	2	1	0	2	5	4	6
CHRONIC PULMONARY DISEASE	1,298	0	1	0	2	0	0	2	1	2	6
ULCER OF STOMACH	59	0	0	0	0	0	0	0	0	0	1
LIVER DISEASE & CIRRHOSIS	259	1	0	0	0	0	1	2	6	12	16
NEPHRITIS & NEPHROSIS	267	2	0	0	0	0	1	1	2	5	5
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	132	94	12	1	0	3	1	5	2	0	1
DISEASES OF EARLY INFANCY	188	188	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	280	96	3	0	1	4	2	3	4	8	3
ALL OTHER DISEASES	2,134	21	10	8	9	14	15	25	35	34	51
ACCIDENTAL DEATHS	1,331	8	35	25	39	142	144	137	113	83	70
MOTOR VEHICLE	709	2	10	4	22	113	109	98	70	47	39
OTHER ACC. DEATHS	622	6	25	21	17	29	35	39	43	36	31
SUICIDE	530	0	0	0	6	31	56	58	63	61	28
HOMICIDE & LEGAL INTERV	333	3	9	1	5	42	58	53	45	38	23
ALL OTHER EXTERNAL CAUSES	61	0	0	0	4	4	11	7	4	3	4

TABLE 22B (CONT) MALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1989

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	608	823	1,413	2,137	2,832	3,323	3,743	3,532	3,988	3
CAUSES OF DEATH										
TUBERCULOSIS	0	1	1	1	1	2	2	1	1	0
AIDS	24	14	8	5	0	2	1	0	0	0
SYPHILIS	0	0	0	0	0	0	1	0	0	0
RESIDUAL OF INFECT. DIS.	5	3	14	18	22	36	30	41	41	0
MALIGNANT NEOPLASMS	162	271	524	758	898	1,022	1,006	741	556	1
DIGESTIVE ORGANS	32	47	126	155	183	217	241	155	151	0
RESPIRATORY ORGANS	63	129	215	342	416	429	354	250	113	0
BREAST	0	0	0	1	0	1	0	2	0	0
GENITAL ORGANS	0	7	17	49	66	106	168	144	137	0
URINARY ORGANS	9	11	24	39	32	49	43	34	38	0
LEUKEMIA	7	5	19	19	23	44	39	27	19	0
OTHER MALIG. NEOPL.	51	72	123	153	178	176	161	129	98	1
DIABETES MELLITUS	12	15	30	39	53	57	74	60	69	0
MAJOR CARDIOVASC. DISEASE	202	325	526	872	1,268	1,459	1,722	1,780	2,132	2
DISEASES OF HEART	183	283	478	738	1,069	1,211	1,426	1,385	1,644	2
RHEUMATIC FEVER & RHEUM. HEART DISEASE	1	2	5	4	5	4	2	4	1	0
HYPERTENSIVE HEART	5	12	12	14	17	24	24	21	26	0
ISCHEMIC HEART	135	207	358	566	806	923	1,099	1,040	1,169	1
OTHER HEART DISEASE	42	62	103	154	241	260	301	320	448	1
HYPERTENSION	2	5	1	11	9	10	15	20	13	0
CEREBROVASCULAR DISEASE	13	28	36	86	116	164	220	271	368	0
ATHEROSCLEROSIS	0	1	2	7	11	14	14	33	69	0
OTHER MAJOR CARDIOVASC.	4	8	9	30	63	60	47	71	38	0
PNEUMONIA & INFLUENZA	6	8	20	30	36	74	114	169	297	0
CHRONIC PULMONARY DISEASE	4	9	54	120	174	242	275	219	187	0
ULCER OF STOMACH	0	3	4	3	5	4	16	13	10	0
LIVER DISEASE & CIRRHOSIS	19	23	38	29	40	32	28	7	5	0
NEPHRITIS & NEPHROSIS	7	2	9	10	24	30	35	61	73	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	0	0	3	1	3	4	1	0	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	3	9	8	10	15	25	28	18	40	0
ALL OTHER DISEASES	48	53	80	128	195	252	326	343	487	0
ACCIDENTAL DEATHS	54	53	54	73	71	51	58	52	69	0
MOTOR VEHICLE	25	28	31	32	24	20	12	14	9	0
OTHER ACC. DEATHS	29	25	23	41	47	31	46	38	60	0
SUICIDE	39	21	30	34	24	25	19	21	14	0
HOMICIDE & LEGAL INTERV	18	10	12	3	2	4	2	3	2	0
ALL OTHER EXTERNAL CAUSES	4	3	1	1	3	3	2	2	5	0

TABLE 22C FEMALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1989

	ALL AGES	UNDER 1 YR.	1-4 YRS.	5-9 YRS.	10-14 YRS.	15-19 YRS.	20-24 YRS.	25-29 YRS.	30-34 YRS.	35-39 YRS.	40-44 YRS.
ALL CAUSES	24,771	330	69	36	34	123	93	140	151	178	273
CAUSES OF DEATH											
TUBERCULOSIS	8	0	0	0	0	0	1	0	0	0	0
AIDS	7	1	0	0	0	0	0	2	1	0	1
SYPHILIS	1	0	0	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	267	2	2	0	1	1	2	1	3	3	2
MALIGNANT NEOPLASMS	5,427	0	3	7	5	4	7	16	32	61	122
DIGESTIVE ORGANS	1,261	0	0	0	0	0	1	2	4	6	13
RESPIRATORY ORGANS	1,167	0	0	0	0	0	0	0	2	3	19
BREAST	996	0	0	0	0	0	0	3	6	26	44
GENITAL ORGANS	559	0	0	0	0	0	0	2	7	11	15
URINARY ORGANS	170	0	0	0	0	0	0	0	0	2	2
LEUKEMIA	197	0	1	4	1	2	3	0	2	3	4
OTHER MALIG. NEOPL.	1,077	0	2	3	4	2	3	9	11	10	25
DIABETES MELLITUS	629	1	0	0	0	2	0	3	5	1	7
MAJOR CARDIOVASC. DISEASE	11,720	11	1	2	2	9	7	9	15	23	43
DISEASES OF HEART	8,957	9	1	2	2	5	5	5	10	16	35
RHEUMATIC FEVER & RHEUM. HEART DISEASE	82	0	0	0	0	0	0	0	0	1	3
HYPERTENSIVE HEART	291	0	0	0	0	0	1	0	1	1	2
ISCHEMIC HEART	6,218	2	0	0	1	2	1	1	2	4	11
OTHER HEART DISEASE	2,366	7	1	2	1	3	3	4	7	10	19
HYPERTENSION	120	0	0	0	0	0	0	0	1	0	1
CEREBROVASCULAR DISEASE	2,126	1	0	0	0	3	1	4	3	6	7
ATHEROSCLEROSIS	285	0	0	0	0	0	0	0	0	0	0
OTHER MAJOR CARDIOVASC.	232	1	0	0	0	1	1	0	1	1	0
PNEUMONIA & INFLUENZA	1,044	3	0	1	0	1	2	2	3	5	4
CHRONIC PULMONARY DISEASE	906	0	0	0	1	0	0	0	1	0	3
ULCER OF STOMACH	78	0	0	0	0	0	0	1	1	0	0
LIVER DISEASE & CIRRHOSIS	152	0	0	0	0	0	0	0	1	7	9
NEPHRITIS & NEPHROSIS	253	0	1	0	0	1	1	0	0	3	2
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	5	0	0	0	0	1	0	2	1	0	1
CONGENITAL ANOMALIES	140	84	14	3	4	3	1	5	2	0	1
DISEASES OF EARLY INFANCY	135	135	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	234	59	1	0	0	1	0	3	0	2	2
ALL OTHER DISEASES	2,804	18	10	6	5	7	9	21	19	20	28
ACCIDENTAL DEATHS	686	9	29	15	7	67	40	45	38	26	26
MOTOR VEHICLE	338	0	14	10	5	63	29	40	30	18	16
OTHER ACC. DEATHS	348	9	15	5	2	4	11	5	8	8	10
SUICIDE	139	0	0	0	4	10	5	15	19	18	12
HOMICIDE & LEGAL INTERV	115	7	8	2	5	16	17	14	9	8	7
ALL OTHER EXTERNAL CAUSES	21	0	0	0	0	0	1	1	1	1	3

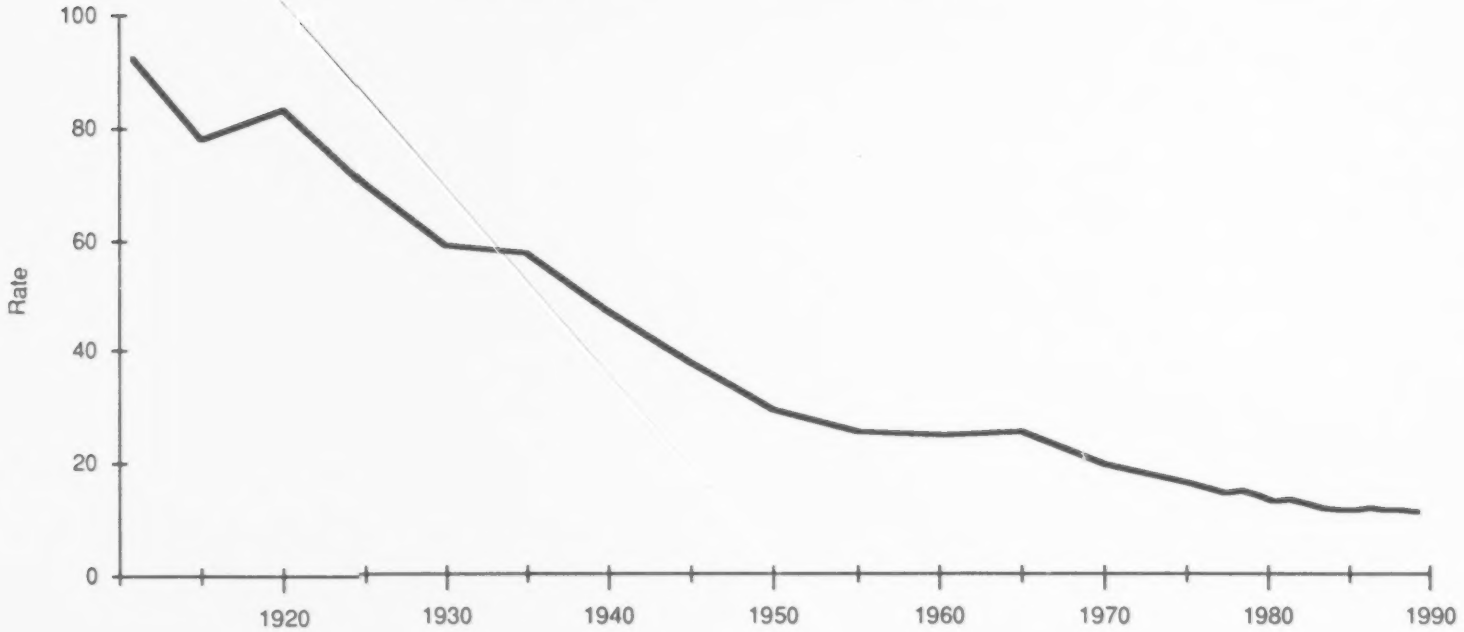
TABLE 22C (CONT) FEMALE RESIDENT DEATHS, AGE GROUPS BY SELECTED CAUSES OF DEATH: MISSOURI 1989

	45-49 YRS.	50-54 YRS.	55-59 YRS.	60-64 YRS.	65-69 YRS.	70-74 YRS.	75-79 YRS.	80-84 YRS.	85+ YRS.	UNK AGE
ALL CAUSES	340	546	837	1,346	1,953	2,490	3,436	4,102	8,292	2
CAUSES OF DEATH										
TUBERCULOSIS	0	1	0	0	0	0	0	3	3	0
AIDS	0	0	1	0	0	1	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0	1	0
RESIDUAL OF INFECT. DIS.	5	5	9	12	22	24	37	32	104	0
MALIGNANT NEOPLASMS	176	249	383	561	717	792	832	692	768	0
DIGESTIVE ORGANS	29	34	55	95	144	179	211	218	270	0
RESPIRATORY ORGANS	34	68	105	152	215	205	175	110	79	0
BREAST	46	62	88	118	130	128	133	88	124	0
GENITAL ORGANS	27	23	45	60	68	81	83	76	61	0
URINARY ORGANS	4	4	14	14	19	12	32	31	36	0
LEUKEMIA	5	8	7	15	13	23	31	32	43	0
OTHER MALIG. NEOPL.	31	50	69	107	128	164	167	137	155	0
DIABETES MELLITUS	8	14	30	34	79	84	110	106	145	0
MAJOR CARDIOVASC. DISEASE	64	161	225	443	722	1,017	1,620	2,291	5,053	2
DISEASES OF HEART	43	119	187	360	568	792	1,271	1,692	3,833	2
RHEUMATIC FEVER & RHEUM. HEART DISEASE	2	5	4	2	8	13	13	17	14	0
HYPERTENSIVE HEART	3	7	1	21	21	24	40	55	114	0
ISCHEMIC HEART	28	68	133	242	394	583	914	1,209	2,622	1
OTHER HEART DISEASE	10	39	49	95	145	172	304	411	1,083	1
HYPERTENSION	0	0	2	5	8	11	10	35	47	0
CEREBROVASCULAR DISEASE	21	40	29	66	109	179	277	467	913	0
ATHEROSCLEROSIS	0	1	3	2	11	9	24	52	183	0
OTHER MAJOR CARDIOVASC.	0	1	4	10	26	26	38	45	77	0
PNEUMONIA & INFLUENZA	10	6	9	17	30	58	121	179	593	0
CHRONIC PULMONARY DISEASE	10	15	50	71	119	158	199	134	145	0
ULCER OF STOMACH	1	1	1	1	5	5	13	20	29	0
LIVER DISEASE & CIRRHOSIS	7	3	18	21	22	18	18	13	15	0
NEPHRITIS & NEPHROSIS	1	3	7	10	24	23	36	49	92	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	5	2	4	3	3	2	1	2	1	0
DISEASES OF EARLY INFANCY	0	0	0	0	0	0	0	0	0	0
SYMPTOMS & ILL-DEF. COND.	0	6	2	14	8	14	14	23	85	0
ALL OTHER DISEASES	29	57	68	128	153	239	373	487	1,127	0
ACCIDENTAL DEATHS	14	12	17	21	35	40	56	65	124	0
MOTOR VEHICLE	8	9	6	15	19	14	20	14	8	0
OTHER ACC. DEATHS	6	3	11	6	16	26	36	51	116	0
SUICIDE	9	8	6	7	11	7	2	3	3	0
HOMICIDE & LEGAL INTERV	1	2	5	1	2	6	3	2	0	0
ALL OTHER EXTERNAL CAUSES	0	1	2	2	1	2	1	1	4	0

Graph E

Infant Death Rates per 1,000 Live Births

Missouri 1911-1944 (Recorded) 1945-1989 (Resident)



	Infant Deaths	Rate		Infant Deaths	Rate		Infant Deaths	Rate		Infant Deaths	Rate
1911	7,050	95.1	1945	2,461	37.5	1976	1,052	15.3	1983	805	10.7
1915	5,564	77.8	1950	2,505	29.2	1977	1,038	14.2	1984	769	10.3
1920	5,449	83.3	1955	2,376	25.3	1978	1,077	14.8	1985	784	10.2
1925	4,745	69.5	1960	2,414	24.7	1979	1,042	13.7	1986	799	10.6
1930	3,617	58.3	1965	2,060	25.4	1980	970	12.3	1987	767	10.2
1935	3,273	57.1	1970	1,580	19.6	1981	971	12.7	1981	770	10.1
1940	2,941	47.0	1975	1,123	16.4	1982	894	11.7	1989	767	9.9

TABLE 23A

RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS	COUNTIES CONT.	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
STATE TOTAL	966	767	506	460	307	5							
ADAIR	6	4	3	3	1	0	FRANKLIN	14	13	6	8	5	0
ANDREW	2	0	2	0	0	0	GASCONADE	3	0	3	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	2	1	1	1	0	0
AUDRAIN	4	3	1	3	0	0	GREENE	34	23	17	17	6	0
BARRY	3	3	1	2	1	0	GRUNDY	2	0	2	0	0	0
BARTON	2	3	1	1	2	0	HARRISON	3	2	2	1	1	0
BATES	7	8	1	6	2	0	HENRY	2	2	1	1	1	0
BENTON	1	1	1	0	1	0	HICKORY	0	0	0	0	0	0
BOLLINGER	4	5	1	3	2	0	HOLT	0	0	0	0	0	0
BOONE	18	14	9	9	5	0	HOWARD	1	1	0	1	0	0
BUCHANAN	19	12	10	9	3	0	HOWELL	5	3	2	3	0	0
BUTLER	11	8	6	5	3	0	IRON	1	0	1	0	0	0
CALDWELL	0	0	0	0	0	0	JACKSON	161	121	95	66	55	0
CALLAWAY	4	5	1	3	2	0	JASPER	10	7	3	7	0	0
CAMDEN	3	3	1	2	1	0	JEFFERSON	19	16	10	9	7	0
CAPE GIRARDEAU	8	7	3	5	2	0	JOHNSON	5	2	3	2	0	0
CARROLL	0	1	0	0	1	0	KNOX	0	0	0	0	0	0
CARTER	1	0	1	0	0	0	LACLEDE	13	6	7	6	0	0
CASS	8	4	5	3	1	0	LAFAYETTE	4	1	4	0	1	0
CEDAR	1	4	0	1	3	0	LAWRENCE	4	3	3	1	2	0
CHARITON	1	2	1	0	2	0	LEWIS	0	0	0	0	0	0
CHRISTIAN	4	4	2	2	2	0	LINCOLN	6	7	2	4	3	0
CLARK	2	4	0	2	2	0	LINN	1	0	1	0	0	0
CLAY	24	22	10	14	8	0	LIVINGSTON	3	3	1	2	1	0
CLINTON	1	3	0	1	2	0	MC DONALD	2	2	1	1	1	0
COLE	16	11	12	4	7	1	MACON	2	2	0	2	0	0
COOPER	4	2	4	0	2	0	MADISON	3	3	1	2	1	0
CRAWFORD	5	1	4	1	0	0	MARIES	0	1	0	0	1	0
DADE	0	0	0	0	0	0	MARION	6	6	3	3	3	0
DALLAS	7	5	3	4	1	0	MERCER	1	1	0	1	0	0
DAVIESS	1	1	0	1	0	0	MILLER	9	2	8	1	1	0
DE KALB	0	2	0	0	2	0	MISSISSIPPI	3	3	2	1	2	0
DENT	2	2	1	1	1	0	MONITEAU	5	2	3	2	0	0
DOUGLAS	1	1	0	1	0	0	MONROE	1	1	0	1	0	0
DUNKLIN	8	7	4	4	3	0	MONTGOMERY	1	0	1	0	0	0

TABLE 23A (CONT) RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
MORGAN	2	0	2	0	0	0
NEW MADRID	5	1	5	0	1	0
NEWTON	8	11	2	6	5	0
NODAWAY	3	2	2	1	1	0
OREGON	2	1	1	1	0	0
OSAGE	1	1	0	1	0	0
OZARK	0	2	0	0	2	0
PEMISCOT	9	5	7	2	3	0
PERRY	3	1	2	1	0	0
PETTIS	2	4	1	1	3	0
PHELPS	6	3	4	2	1	0
PIKE	9	6	3	6	0	0
PLATTE	10	9	5	5	4	1
POLK	1	0	1	0	0	0
PULASKI	14	7	8	6	1	0
PUTNAM	0	0	0	0	0	0
RALLS	3	1	2	1	0	0
RANDOLPH	5	5	3	2	3	0
RAY	2	2	0	2	0	0
REYNOLDS	0	0	0	0	0	0
RIPLEY	3	6	1	2	4	0
ST. CHARLES	29	19	15	14	5	0
ST. CLAIR	4	2	2	2	0	0
ST. FRANCOIS	4	5	2	2	3	0
STE. GENEVIEVE	2	3	0	2	1	0
ST. LOUIS CITY	117	125	51	66	59	0
ST. LOUIS COUN	159	109	88	71	38	3
SALINE	9	6	4	5	1	0
SCHUYLER	0	0	0	0	0	0
SCOTLAND	0	1	0	0	1	0
SCOTT	7	9	3	4	5	0
SHANNON	3	1	2	1	0	0
SHELBY	1	1	0	1	0	0
STODDARD	5	4	2	3	1	0
STONE	3	3	1	2	1	0

COUNTIES CONT.	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
SULLIVAN	2	1	1	1	0	0
TANEY	4	2	3	1	1	0
TEXAS	1	2	1	0	2	0
VERNON	3	5	1	2	3	0
WARREN	2	3	2	0	3	0
WASHINGTON	7	5	3	4	1	0
WAYNE	0	1	0	0	1	0
WEBSTER	8	5	3	5	0	0
WORTH	0	0	0	0	0	0
WRIGHT	3	2	1	2	0	0
CITIES OVER 25,000 POP.						
BLUE SPRINGS	5	2	5	0	2	0
CAPE GIRARDEAU	6	7	1	5	2	0
COLUMBIA	10	9	5	5	4	0
FLORISSANT	11	6	5	6	0	1
INDEPENDENCE	27	18	16	11	7	0
JEFFERSON CITY	10	6	7	3	3	0
KIRKWOOD	4	3	1	3	0	0
LEES SUMMIT	8	3	5	3	0	0
RAYTOWN	4	1	3	1	0	0
ST. CHARLES	9	8	3	6	2	0
ST. JOSEPH	18	12	9	9	3	0
ST. LOUIS CITY	116	124	51	65	59	0
SPRINGFIELD	27	17	14	13	4	0
UNIVERSITY CITY	14	6	11	3	3	0
MULTI-COUNTY CITIES						
JOPLIN	7	3	4	3	0	0
JASPER CO. PART	6	3	3	3	0	0
NEWTON CO. PART	1	0	1	0	0	0
KANSAS CITY	127	106	70	57	49	1
JACKSON CO. PART	104	90	59	45	45	0
CLAY CO. PART	17	12	8	9	3	0
PLATTE CO. PART	6	4	3	3	1	1

TABLE 23B WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS	COUNTIES CONT.	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
STATE TOTAL	705	539	367	338	201	3							
ADAIR	6	4	3	3	1	0	FRANKLIN	13	13	5	8	5	0
ANDREW	2	0	2	0	0	0	GASCONADE	3	0	3	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	2	1	1	1	0	0
AUDRAIN	4	3	1	3	0	0	GREENE	32	22	16	16	6	0
BARRY	3	3	1	2	1	0	GRUNDY	2	0	2	0	0	0
BARTON	2	3	1	1	2	0	HARRISON	3	2	2	1	1	0
BATES	7	8	1	6	2	0	HENRY	2	2	1	1	1	0
BENTON	0	1	0	0	1	0	HICKORY	0	0	0	0	0	0
BOLLINGER	4	5	1	3	2	0	HOLT	0	0	0	0	0	0
BOONE	16	12	8	8	4	0	HOWARD	0	0	0	0	0	0
BUCHANAN	19	12	10	9	3	0	HOWELL	5	3	2	3	0	0
BUTLER	10	7	6	4	3	0	IRON	1	0	1	0	0	0
CALDWELL	0	0	0	0	0	0	JACKSON	84	61	49	35	26	0
CALLAWAY	3	4	1	2	2	0	JASPER	8	5	3	5	0	0
CAMDEN	3	3	1	2	1	0	JEFFERSON	19	16	10	9	7	0
CAPE GIRARDEAU	8	6	3	5	1	0	JOHNSON	5	2	3	2	0	0
CARROLL	0	1	0	0	1	0	KNOX	0	0	0	0	0	0
CARTER	1	0	1	0	0	0	LACLEDE	13	6	7	6	0	0
CASS	8	4	5	3	1	0	LAFAYETTE	3	1	3	0	1	0
CEDAR	1	4	0	1	3	0	LAWRENCE	4	3	3	1	2	0
CHARITON	1	1	1	0	1	0	LEWIS	0	0	0	0	0	0
CHRISTIAN	4	4	2	2	2	0	LINCOLN	4	5	1	3	2	0
CLARK	2	4	0	2	2	0	LINN	1	0	1	0	0	0
CLAY	24	21	10	14	7	0	LIVINGSTON	2	2	1	1	1	0
CLINTON	1	3	0	1	2	0	MC DONALD	2	1	1	1	0	0
COLE	15	10	12	3	7	1	MACON	2	2	0	2	0	0
COOPER	4	2	4	0	2	0	MADISON	3	3	1	2	1	0
CRAWFORD	5	1	4	1	0	0	MARIES	0	0	0	0	0	0
DADE	0	0	0	0	0	0	MARION	5	6	2	3	3	0
DALLAS	7	5	3	4	1	0	MERCER	1	1	0	1	0	0
DAVIESS	1	1	0	1	0	0	MILLER	8	2	7	1	1	0
DE KALB	0	2	0	0	2	0	MISSISSIPPI	2	3	1	1	2	0
DENT	2	2	1	1	1	0	MONITEAU	4	2	2	2	0	0
DOUGLAS	1	1	0	1	0	0	MONROE	1	1	0	1	0	0
DUNKLIN	7	3	4	3	0	0	MONTGOMERY	1	0	1	0	0	0

TABLE 23B (CONT) WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
MORGAN	2	0	2	0	0	0
NEW MADRID	4	1	4	0	1	0
NEWTON	8	11	2	6	5	0
NODAWAY	3	2	2	1	1	0
OREGON	2	1	1	1	0	0
OSAGE	1	1	0	1	0	0
OZARK	0	2	0	0	2	0
PEMISCOT	5	2	4	1	1	0
PERRY	3	1	2	1	0	0
PETTIS	2	2	1	1	1	0
PHELPS	6	3	4	2	1	0
PIKE	9	6	3	6	0	0
PLATTE	9	8	5	4	4	1
POLK	1	0	1	0	0	0
PULASKI	10	5	5	5	0	0
PUTNAM	0	0	0	0	0	0
RALLS	3	1	2	1	0	0
RANDOLPH	4	5	2	2	3	0
RAY	2	2	0	2	0	0
REYNOLDS	0	0	0	0	0	0
RIPLEY	3	6	1	2	4	0
ST. CHARLES	27	17	15	12	5	0
ST. CLAIR	4	2	2	2	0	0
ST. FRANCOIS	4	5	2	2	3	0
STE. GENEVIEVE	2	3	0	2	1	0
ST. LOUIS CITY	29	31	8	21	10	0
ST. LOUIS COUNTY	99	69	57	42	27	1
SALINE	8	6	3	5	1	0
SCHUYLER	0	0	0	0	0	0
SCOTLAND	0	1	0	0	1	0
SCOTT	6	6	3	3	3	0
SHANNON	3	1	2	1	0	0
SHELBY	1	1	0	1	0	0
STODDARD	5	4	2	3	1	0
STONE	3	3	1	2	1	0
SULLIVAN	2	1	1	1	0	0
TANEY	4	2	3	1	1	0
TEXAS	1	2	1	0	2	0
VERNON	3	5	1	2	3	0
WARREN	2	3	2	0	3	0
WASHINGTON	7	5	3	4	1	0
WAYNE	0	1	0	0	1	0
WEBSTER	9	5	4	5	0	0
WORTH	0	0	0	0	0	0
WRIGHT	3	2	1	2	0	0
CITIES OVER 25,000 POP.						
BLUE SPRINGS	5	2	5	0	2	0
CAPE GIRARDEAU	6	6	1	5	1	0
COLUMBIA	8	7	4	4	3	0
FLORISSANT	10	5	5	5	0	0
INDEPENDENCE	24	16	15	9	7	0
JEFFERSON CITY	9	5	7	2	3	0
KIRKWOOD	3	2	1	2	0	0
LEES SUMMIT	8	3	5	3	0	0
RAYTOWN	3	1	2	1	0	0
ST. CHARLES	7	6	3	4	2	0
ST. JOSEPH	18	12	9	9	3	0
ST. LOUIS CITY	29	31	8	21	10	0
SPRINGFIELD	25	16	13	12	4	0
UNIVERSITY CITY	3	1	2	1	0	0
MULTI-COUNTY CITIES						
JOPLIN	6	2	4	2	0	0
JASPER CO. PART	5	2	3	2	0	0
NEWTON CO. PART	1	0	1	0	0	0
KANSAS CITY	56	49	27	29	20	1
JACKSON CO. PAR	34	34	16	18	16	0
CLAY CO. PART	17	12	8	9	3	0
PLATTE CO. PART	5	3	3	2	1	1

TABLE 23C

BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS
BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS	COUNTIES CONT.	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
STATE TOTAL	251	221	132	119	102	1							
ADAIR	0	0	0	0	0	0	FRANKLIN	1	0	1	0	0	0
ANDREW	0	0	0	0	0	0	GASCONADE	0	0	0	0	0	0
ATCHISON	0	0	0	0	0	0	GENTRY	0	0	0	0	0	0
AUDRAIN	0	0	0	0	0	0	GREENE	1	0	1	0	0	0
BARRY	0	0	0	0	0	0	GRUNDY	0	0	0	0	0	0
BARTON	0	0	0	0	0	0	HARRISON	0	0	0	0	0	0
BATES	0	0	0	0	0	0	HENRY	0	0	0	0	0	0
BENTON	0	0	0	0	0	0	HICKORY	0	0	0	0	0	0
BOLLINGER	0	0	0	0	0	0	HOLT	0	0	0	0	0	0
BOONE	2	2	1	1	1	0	HOWARD	1	1	0	1	0	0
BUCHANAN	0	0	0	0	0	0	HOWELL	0	0	0	0	0	0
BUTLER	1	1	0	1	0	0	IRON	0	0	0	0	0	0
CALDWELL	0	0	0	0	0	0	JACKSON	74	58	43	31	27	0
CALLAWAY	1	1	0	1	0	0	JASPER	2	2	0	2	0	0
CAMDEN	0	0	0	0	0	0	JEFFERSON	0	0	0	0	0	0
CAPE GIRARDEAU	0	1	0	0	1	0	JOHNSON	0	0	0	0	0	0
CARROLL	0	0	0	0	0	0	KNOX	0	0	0	0	0	0
CARTER	0	0	0	0	0	0	LACLEDE	0	0	0	0	0	0
CASS	0	0	0	0	0	0	LAFAYETTE	1	0	1	0	0	0
CEDAR	0	0	0	0	0	0	LAWRENCE	0	0	0	0	0	0
CHARITON	0	1	0	0	1	0	LEWIS	0	0	0	0	0	0
CHRISTIAN	0	0	0	0	0	0	LINCOLN	2	2	1	1	1	0
CLARK	0	0	0	0	0	0	LINN	0	0	0	0	0	0
CLAY	0	1	0	0	1	0	LIVINGSTON	1	1	0	1	0	0
CLINTON	0	0	0	0	0	0	MC DONALD	0	0	0	0	0	0
COLE	1	1	0	1	0	0	MACON	0	0	0	0	0	0
COOPER	0	0	0	0	0	0	MADISON	0	0	0	0	0	0
CRAWFORD	0	0	0	0	0	0	MARIES	0	1	0	0	1	0
DADE	0	0	0	0	0	0	MARION	1	0	1	0	0	0
DALLAS	0	0	0	0	0	0	MERCER	0	0	0	0	0	0
DAVIESS	0	0	0	0	0	0	MILLER	1	0	1	0	0	0
DE KALB	0	0	0	0	0	0	MISSISSIPPI	1	0	1	0	0	0
DENT	0	0	0	0	0	0	MONITEAU	0	0	0	0	0	0
DOUGLAS	0	0	0	0	0	0	MONROE	0	0	0	0	0	0
DUNKLIN	1	4	0	1	3	0	MONTGOMERY	0	0	0	0	0	0

TABLE 23C (CONT) BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS BY COUNTY AND CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

COUNTIES	PERI-NATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	MATER-NAL DEATHS
MORGAN	0	0	0	0	0	0
NEW MADRID	1	0	1	0	0	0
NEWTON	0	0	0	0	0	0
NODAWAY	0	0	0	0	0	0
OREGON	0	0	0	0	0	0
OSAGE	0	0	0	0	0	0
OZARK	0	0	0	0	0	0
PEMISCOT	4	3	3	1	2	0
PERRY	0	0	0	0	0	0
PETTIS	0	2	0	0	2	0
PHELPS	0	0	0	0	0	0
PIKE	0	0	0	0	0	0
PLATTE	1	1	0	1	0	0
POLK	0	0	0	0	0	0
PULASKI	4	2	3	1	1	0
PUTNAM	0	0	0	0	0	0
RALLS	0	0	0	0	0	0
RANDOLPH	1	0	1	0	0	0
RAY	0	0	0	0	0	0
REYNOLDS	0	0	0	0	0	0
RIPLEY	0	0	0	0	0	0
ST. CHARLES	2	2	0	2	0	0
ST. CLAIR	0	0	0	0	0	0
ST. FRANCOIS	0	0	0	0	0	0
STE. GENEVIEVE	0	0	0	0	0	0
ST. LOUIS CITY	87	93	43	44	49	0
ST. LOUIS COUNTY	57	38	29	28	10	1
SALINE	1	0	1	0	0	0
SCHUYLER	0	0	0	0	0	0
SCOTLAND	0	0	0	0	0	0
SCOTT	1	3	0	1	2	0
SHANNON	0	0	0	0	0	0
SHELBY	0	0	0	0	0	0
STODDARD	0	0	0	0	0	0
STONE	0	0	0	0	0	0
SULLIVAN	0	0	0	0	0	0
TANEY	0	0	0	0	0	0
TEXAS	0	0	0	0	0	0
VERNON	0	0	0	0	0	0
WARREN	0	0	0	0	0	0
WASHINGTON	0	0	0	0	0	0
WAYNE	0	0	0	0	0	0
WEBSTER	0	0	0	0	0	0
WORTH	0	0	0	0	0	0
WRIGHT	0	0	0	0	0	0
CITIES OVER 25,000 POP.						
BLUE SPRINGS	0	0	0	0	0	0
CAPE GIRARDEAU	0	1	0	0	1	0
COLUMBIA	2	2	1	1	1	0
FLORISSANT	1	1	0	1	0	1
INDEPENDENCE	3	2	1	2	0	0
JEFFERSON CITY	1	1	0	1	0	0
KIRKWOOD	1	1	0	1	0	0
LEES SUMMIT	0	0	0	0	0	0
RAYTOWN	0	0	0	0	0	0
ST. CHARLES	2	2	0	2	0	0
ST. JOSEPH	0	0	0	0	0	0
ST. LOUIS CITY	86	92	43	43	49	0
SPRINGFIELD	1	0	1	0	0	0
UNIVERSITY CITY	10	5	8	2	3	0
MULTI-COUNTY CITIES						
JOPLIN	1	1	0	1	0	0
JASPER CO. PART	1	1	0	1	0	0
NEWTON CO. PART	0	0	0	0	0	0
KANSAS CITY	69	55	41	28	27	0
JACKSON CO. PAR	68	54	41	27	27	0
CLAY CO. PART	0	0	0	0	0	0
PLATTE CO. PART	1	1	0	1	0	0

TABLE 23D RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION WITH RATES PER 1,000 LIVE BIRTHS: MISSOURI 1989

REGIONAL PLANNING COMMISSIONS	NUMBER						RATES				
	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POSTNEONATAL DEATHS	MATERNAL DEATHS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POSTNEONATAL DEATHS
MAJOR METRO REGIONS											
EAST-WEST GATEWAY	338	282	170	168	114	3	11.1	9.3	5.6	5.5	3.8
MID-AMERICA	208	158	115	90	68	1	13.4	10.3	7.5	5.9	4.4
MINOR METRO REGIONS											
SOUTHWEST MISSOURI	68	48	34	34	14	0	12.6	8.9	6.3	6.3	2.6*
MID-MISSOURI	53	39	30	23	16	1	13.2	9.7	7.5	5.7	4.0*
MO-KAN	22	17	12	10	7	0	12.5	9.7*	6.8*	5.7*	4.0*
OZARK GATEWAY	22	23	7	15	8	0	9.2	9.6	2.9*	6.3*	3.3*
NONMETRO REGIONS											
NORTHWEST MISSOURI	9	3	3	2	1	0	9.7*	5.8*	5.8*	3.9*	1.9*
GREEN HILLS	15	8	7	6	2	0	13.4*	8.3*	7.2*	6.2*	2.1*
MISSOURI VALLEY	10	9	5	5	4	0	17.4*	15.6*	8.7*	8.7*	6.9*
NORTHEAST MISSOURI	8	9	3	5	4	0	14.3*	16.0*	5.3*	8.9*	7.1*
MARK TWAIN	27	22	11	16	6	0	17.6	14.3	7.2*	10.4*	3.9*
BOONSLICK	9	10	5	4	6	0	9.7*	10.8*	5.4*	4.3*	6.5*
KAYSINGER BASIN	18	22	6	12	10	0	15.4*	18.8	5.1*	10.3*	8.5*
SHOW-ME	11	7	8	3	4	0	6.9*	4.4*	5.0*	1.9*	2.5*
SOUTH CENTRAL OZARK	19	12	7	8	4	0	11.1*	8.9*	5.2*	5.9*	3.0*
MERAMEC	23	12	15	8	4	0	15.5	8.1*	10.1*	5.4*	2.7*
LAKE OF THE OZARKS	41	18	26	15	3	0	20.6	9.0*	13.1	7.5*	1.5*
SOUTHEAST MISSOURI	25	24	10	15	9	0	10.4	10.0	4.2*	6.2*	3.7*
BOOTHEEL	37	29	23	14	15	0	15.6	12.2	9.7	5.9*	6.3*
OZARK FOOTHILLS	15	15	8	7	8	0	15.4*	15.4*	8.2*	7.2*	8.2*
MAJOR METRO TOTAL	543	440	285	258	182	4	11.9	9.6	6.2	5.[illegible]	4.0
MINOR METRO TOTAL	165	127	83	82	45	1	12.2	9.4	6.1	6.[illegible]	3.3
NONMETRO TOTAL	257	200	137	120	80	0	13.9	10.8	7.4	6.5	4.3
STATE TOTAL	965	767	505	460	307	5	12.4	9.9	6.5	5.9	3.9

*RATE UNSTABLE BECAUSE IT IS BASED ON FEWER THAN 20 DEATHS

TABLE 23E WHITE RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION: MISSOURI 1989

REGIONAL PLANNING COMMISSIONS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POST-NEONATAL DEATHS	MATERNAL DEATHS
MAJOR METRO REGIONS						
EAST-WEST GATEWAY	187	146	95	92	54	1
MID-AMERICA	127	96	69	58	38	1
MINOR METRO REGIONS						
SOUTHWEST MISSOURI	67	47	34	33	14	0
MID-MISSOURI	47	34	28	19	15	1
MO-KAN	22	17	12	10	7	0
NONMETRO REGIONS						
NORTHWEST MISSOURI	5	3	3	2	1	0
GREEN HILLS	12	7	7	5	2	0
MISSOURI VALLEY	9	8	4	5	3	0
NORTHEAST MISSOURI	8	9	3	5	4	0
MARK TWAIN	25	22	9	16	6	0
BOONSLICK	7	8	4	3	5	0
OZARK GATEWAY	20	20	7	13	7	0
KAYSINGER BASIN	17	22	5	12	10	0
SHOW-ME	10	5	7	3	2	0
SOUTH CENTRAL OZARK	15	12	7	8	4	0
MERAMEC	23	11	15	8	3	0
LAKE OF THE OZARKS	36	16	22	14	2	0
SOUTHEAST MISSOURI	25	23	10	15	8	0
BOOTHEEL	29	19	18	11	8	0
OZARK FOOTHILLS	14	14	8	6	8	0
MAJOR METRO TOTAL	314	242	164	150	92	2
MINOR METRO TOTAL	136	98	74	62	36	1
NONMETRO TOTAL	255	199	129	126	73	0
STATE TOTAL	705	539	367	338	201	3

TABLE 23F BLACK RESIDENT PERINATAL, INFANT, FETAL, NEONATAL, POSTNEONATAL, AND MATERNAL DEATHS BY REGIONAL PLANNING COMMISSION: MISSOURI 1989

REGIONAL PLANNING COMMISSIONS	PERINATAL DEATHS	INFANT DEATHS	FETAL DEATHS	NEONATAL DEATHS	POST-NEONATAL DEATHS	MATERNAL DEATHS
MAJOR METRO REGIONS						
EAST-WEST GATEWAY	147	133	73	74	59	1
MID-AMERICA	75	60	43	32	28	0
MINOR METRO REGIONS						
SOUTHWEST MISSOURI	1	0	1	0	0	0
MID-MISSOURI	5	5	1	4	1	0
MO-KAN	0	0	0	0	0	0
NONMETRO REGIONS						
NORTHWEST MISSOURI	0	0	0	0	0	0
GREEN HILLS	1	1	0	1	0	0
MISSOURI VALLEY	1	1	1	0	1	0
NORTHEAST MISSOURI	0	0	0	0	0	0
MARK TWAIN	2	0	2	0	0	0
BOONSLICK	2	2	1	1	1	0
OZARK GATEWAY	2	2	0	2	0	0
KAYSINGER BASIN	0	0	0	0	0	0
SHOW-ME	1	2	1	0	2	0
SOUTH CENTRAL OZARK	0	0	0	0	0	0
MERAMEC	0	1	0	0	1	0
LAKE OF THE OZARKS	5	2	4	1	1	0
SOUTHEAST MISSOURI	0	1	0	0	1	0
BOOTHEEL	8	10	5	3	7	0
OZARK FOOTHILLS	1	1	0	1	0	0
MAJOR METRO TOTAL	222	193	116	106	87	1
MINOR METRO TOTAL	6	5	2	4	1	0
NONMETRO TOTAL	23	23	14	9	14	0
STATE TOTAL	251	221	132	119	102	1

TABLE 24

RESIDENT INFANT DEATHS BY AGE, CAUSE, AND RACE WITH RATES PER 1,000 LIVE BIRTHS BY CAUSE AND RACE: MISSOURI 1989

CAUSE	RACE	NUMBER	RATE	NEO-NATAL DEATHS	POST-NEO-NATAL DEATHS	UNDER 1 HR	OVER 1 HR UNDER 1 DAY	OVER 1 DAY UNDER 7 DAS	OVER 7 DAS UNDER 28 DAS	OVER 28 DAS UNDER 3 MOS	OVER 3 MOS UNDER 6 MOS	OVER 6 MOS UNDER 1 YEAR	UNDER 1 YEAR UNKNOWN UNITS
ALL CAUSES	WHITE	539	8.4	338	201	48	121	98	67	85	85	31	4
	BLACK	221	17.2	119	102	12	48	29	28	48	36	18	2
	TOTAL	767	9.9	460	307	61	171	127	95	134	124	49	6
GASTROINTESTINAL DISEASES (008-009, 535, 555-558)	WHITE	1	0.0	0	1	0	0	0	0	1	0	0	0
	BLACK	1	0.1	1	0	0	0	1	0	0	0	0	0
	TOTAL	2	0.0	1	1	0	0	1	0	1	0	0	0
PNEUMONIA AND INFLUENZA (480-487)	WHITE	3	0.0	0	3	0	0	0	0	0	3	0	0
	BLACK	5	0.4	0	5	0	0	0	0	3	2	0	0
	TOTAL	8	0.1	0	8	0	0	0	0	3	5	0	0
CONGENITAL ANOMALIES (740-759)	WHITE	147	2.3	106	41	13	33	39	21	16	12	13	0
	BLACK	29	2.3	19	10	2	4	5	8	5	3	2	0
	TOTAL	178	2.3	126	52	15	38	44	29	21	16	15	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED BIRTHWEIGHT (765)	WHITE	39	0.6	37	2	18	18	0	1	1	1	0	0
	BLACK	35	2.7	35	0	7	25	2	0	0	0	0	1
	TOTAL	75	1.0	73	2	25	44	2	1	1	1	0	1
BIRTH TRAUMA (767)	WHITE	2	0.0	2	0	0	1	1	0	0	0	0	0
	BLACK	0	0.0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0.0	2	0	0	1	1	0	0	0	0	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA (768)	WHITE	9	0.1	9	0	0	2	4	2	0	0	0	1
	BLACK	0	0.0	0	0	0	0	0	0	0	0	0	0
	TOTAL	9	0.1	9	0	0	2	4	2	0	0	0	1
RESPIRATORY DISTRESS SYNDROME (769)	WHITE	65	1.0	64	1	0	19	28	17	1	0	0	0
	BLACK	25	2.0	21	4	0	9	9	3	2	2	0	0
	TOTAL	90	1.2	85	5	0	28	37	20	3	2	0	0
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-764,766,770-779)	WHITE	103	1.6	93	10	17	45	19	11	5	3	2	1
	BLACK	44	3.4	35	9	3	10	11	10	5	2	2	1
	TOTAL	147	1.9	128	19	20	55	30	21	10	5	4	2
SUDDEN INFANT DEATH SYNDROME (798.0)	WHITE	96	1.5	9	87	0	0	1	8	44	40	3	0
	BLACK	52	4.1	5	47	0	0	0	5	25	18	4	0
	TOTAL	150	1.9	14	136	0	0	1	13	70	59	7	0
ACCIDENTS (800-949)	WHITE	9	0.1	0	9	0	0	0	0	1	4	4	0
	BLACK	8	0.6	0	8	0	0	0	0	0	5	3	0
	TOTAL	17	0.2	0	17	0	0	0	0	1	9	7	0
ALL OTHER CAUSES RESIDUAL	WHITE	65	1.0	18	47	0	3	6	7	16	22	9	2
	BLACK	22	1.7	3	19	0	0	1	2	8	4	7	0
	TOTAL	89	1.1	22	67	1	3	7	9	24	27	16	2

NUMBER IN PARENTHESIS REFERS TO CODE NUMBERS IN THE 9TH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES

TABLE 25 RESIDENT INFANT DEATHS AND RATES PER 1,000 LIVE BIRTHS BY AGE OF MOTHER BY BIRTH ORDER: MISSOURI 1989

AGE OF MOTHER	NUMBER ALL BIRTHS ORDERS	NUMBER BIRTH ORDER 1ST	2ND OR 3RD	4TH OR 5TH	6TH OR MORE	RATES ALL BIRTH ORDERS	RATES BIRTH ORDER 1ST	2ND OR 3RD	4TH OR 5TH	6TH OR MORE
ALL AGES	758	219	363	118	58	9.7	8.5	9.4	11.0	20.2
UNDER 18	68	49	19	0	0	17.1	15.5	23.9*	0.0*	---
18-19	92	40	47	5	0	13.2	9.6	18.2	26.9*	0.0*
20-24	236	63	123	43	7	10.8	7.7	11.1	19.1	21.9*
25-29	205	47	103	32	23	8.2	6.8	7.6	8.9	27.2
30-34	104	8	51	27	18	7.1	3.0*	6.3	8.6	19.7*
35-39	37	5	15	10	7	7.9	8.9*	6.9*	7.7*	11.2*
40 AND OVER	10	2	5	0	3	15.4*	27.4*	21.9*	0.0*	18.5*

TABLE 26 RESIDENT INFANT DEATHS AND RATES PER 1,000 LIVE BIRTHS BY BIRTH WEIGHT BY RACE OF MOTHER: MISSOURI 1989

BIRTH WEIGHT (GRAMS)	NUMBER ALL RACES	NUMBER WHITE	NUMBER BLACK	RATES ALL RACES	RATES WHITE	RATES BLACK
ALL WEIGHTS	758	537	209	9.7	8.4	16.3
UNDER 500	106	62	41	906.0	898.6	911.1
500-999	154	109	44	423.1	473.9	333.3
1,000-1,499	63	44	19	126.0	138.8	108.0*
1,500-1,999	45	37	8	44.2	53.9	25.1*
2,000-2,499	58	33	23	17.1	14.1	22.8
2,500-2,999	92	60	30	7.5	6.7	9.6
3,000-3,499	118	91	26	4.2	4.0	5.3
3,500-3,999	79	67	10	3.4	3.3	4.0*
4,000 AND OVER	30	25	5	3.6	3.2	8.6*

TOTALS IN TABLES 25 AND 26 DO NOT AGREE WITH THE TOTALS IN TABLES 23 AND 24 BECAUSE TABLES 25 AND 26 INCLUDE ONLY INFANT DEATHS WHICH HAVE BEEN MATCHED WITH THEIR CORRESPONDING BIRTH RECORD.

* RATE UNSTABLE BECAUSE IT IS BASED ON FEWER THAN 20 DEATHS

TABLE 27A RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1989

	STATE TOTAL								
	ALL RACES	CRUDE RATE	AGE-ADJ RATE	WHITE	BLACK	EAST-WEST GATEWAY	MID-AMERICA	SOUTHWEST MISSOURI	MID-MISSOURI
ALL CAUSES	50,169	972.5	824.5	44,638	5,286	16,822	8,298	4,039	2,274
TUBERCULOSIS	19	0.4	0.3	14	5	8	0	3	0
AIDS	283	5.5	4.4	221	59	123	100	36	5
SYPHILIS	2	0.0	0.0	2	0	0	1	0	0
RESIDUAL OF INFECT. DIS.	510	9.9	8.3	419	88	154	118	31	26
MALIGNANT NEOPLASMS	11,614	225.1	203.1	10,359	1,194	4,117	1,893	976	513
DIGESTIVE ORGANS	2,604	50.5	44.3	2,272	318	966	424	194	113
RESPIRATORY ORGANS	3,530	68.4	63.8	3,172	339	1,205	610	320	141
BREAST	1,000	19.4	17.6	912	85	372	167	77	47
GENITAL ORGANS	1,263	24.5	21.1	1,079	178	464	201	111	57
URINARY ORGANS	458	8.9	7.8	409	45	158	74	45	26
LEUKEMIA	430	8.3	7.4	403	23	129	74	42	22
OTHER MALIG. NEOPL.	2,329	45.1	41.0	2,112	206	823	343	187	107
DIABETES MELLITUS	1,073	20.8	17.8	900	171	386	191	81	52
MAJOR CARDIOVASC. DISEASE	22,304	432.3	351.8	20,195	2,017	7,388	3,363	1,767	975
DISEASES OF HEART	17,633	341.8	280.1	15,991	1,568	6,007	2,635	1,346	728
RHEUMATIC FEVER & RHEUM. HEART DISEASE	112	2.2	1.9	106	6	42	14	13	4
HYPERTENSIVE HEART	456	8.8	7.3	346	109	234	87	12	16
ISCHEMIC HEART	12,681	245.8	202.1	11,600	1,029	4,623	1,794	964	511
OTHER HEART DISEASE	4,384	85.0	68.7	3,939	424	1,108	740	357	197
HYPERTENSION	208	4.0	3.3	166	41	78	37	17	9
CEREBROVASCULAR DISEASE	3,458	67.0	53.0	3,110	333	1,028	510	318	180
ATHEROSCLEROSIS	436	8.5	6.2	404	31	99	67	38	22
OTHER MAJOR CARDIOVASC.	569	11.0	9.3	524	44	176	114	48	36
PNEUMONIA & INFLUENZA	1,824	35.4	26.8	1,685	132	616	266	123	87
CHRONIC PULMONARY DISEASE	2,204	42.7	37.0	2,065	134	662	416	195	89
ULCER OF STOMACH	137	2.7	2.1	125	10	39	21	12	6
LIVER DISEASE & CIRRHOSIS	411	8.0	7.5	357	53	153	88	33	16
NEPHRITIS & NEPHROSIS	520	10.1	8.1	432	85	160	84	42	24
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	5	0.1	0.1	3	1	3	1	0	1
CONGENITAL ANOMALIES	272	5.3	5.6	229	37	96	51	16	16
DISEASES OF EARLY INFANCY	323	6.3	6.8	218	104	124	59	25	19
SYMPTOMS & ILL-DEF. COND.	514	10.0	9.0	423	86	122	84	53	27
ALL OTHER DISEASES	4,938	95.7	77.9	4,345	576	1,629	940	379	255
ACCIDENTAL DEATHS	2,017	39.1	36.5	1,771	223	591	330	175	102
MOTOR VEHICLE	1,047	20.3	19.7	949	85	255	168	106	56
OTHER ACC. DEATHS	970	18.8	16.8	822	138	336	162	69	46
SUICIDE	669	13.0	11.7	630	32	223	119	61	46
HOMICIDE & LEGAL INTERV	448	8.7	8.2	178	265	204	152	25	12
ALL OTHER EXTERNAL CAUSES	82	1.6	1.5	67	14	24	21	6	3

TABLE 27A (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1989

	MO-KAN	NORTHWEST MISSOURI	GREEN HILLS	MISSOURI VALLEY	NORTHEAST MISSOURI	MARK TWAIN	BOONSLICK	OZARK GATEWAY
ALL CAUSES	1,413	546	1,206	587	512	1,447	564	1,673
TUBERCULOSIS	0	0	0	0	0	0	1	2
AIDS	0	0	3	0	1	0	0	2
SYPHILIS	0	1	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	14	3	6	3	7	15	5	16
MALIGNANT NEOPLASMS	313	115	268	122	100	329	129	371
DIGESTIVE ORGANS	67	45	51	17	25	73	17	81
RESPIRATORY ORGANS	91	16	80	34	28	87	44	132
BREAST	21	15	29	14	7	19	13	32
GENITAL ORGANS	41	15	22	14	10	35	14	32
URINARY ORGANS	13	3	8	6	4	15	5	10
LEUKEMIA	16	5	12	8	4	14	3	16
OTHER MALIG. NEOPL.	64	16	66	29	22	86	33	68
DIABETES MELLITUS	29	11	26	16	6	27	5	26
MAJOR CARDIOVASC. DISEASE	626	261	579	278	226	666	257	787
DISEASES OF HEART	483	185	446	222	171	512	198	630
RHEUMATIC FEVER & RHEUM. HEART DISEASE	7	1	3	0	1	5	0	7
HYPERTENSIVE HEART	4	2	4	3	5	24	3	6
ISCHEMIC HEART	322	125	332	140	113	311	138	450
OTHER HEART DISEASE	150	57	107	79	52	172	57	167
HYPERTENSION	3	3	3	1	1	5	1	5
CEREBROVASCULAR DISEASE	110	54	106	46	43	105	37	121
ATHEROSCLEROSIS	17	8	13	3	7	30	7	19
OTHER MAJOR CARDIOVASC.	13	11	11	6	4	14	14	12
PNEUMONIA & INFLUENZA	46	36	33	28	30	81	25	63
CHRONIC PULMONARY DISEASE	76	28	68	23	12	56	25	76
ULCER OF STOMACH	3	3	4	0	2	3	1	4
LIVER DISEASE & CIRRHOSIS	9	2	7	5	3	7	5	10
NEPHRITIS & NEPHROSIS	12	4	21	6	8	17	11	18
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	7	5	3	3	0	11	2	10
DISEASES OF EARLY INFANCY	6	0	5	4	6	9	2	6
SYMPTOMS & ILL-DEF. COND.	20	4	9	13	7	23	14	13
ALL OTHER DISEASES	177	51	128	49	74	129	42	144
ACCIDENTAL DEATHS	47	18	37	28	24	53	33	97
MOTOR VEHICLE	27	7	13	9	10	29	19	57
OTHER ACC. DEATHS	20	11	24	19	14	24	14	40
SUICIDE	23	3	8	7	3	19	5	23
HOMICIDE & LEGAL INTERV	2	1	1	1	0	1	2	2
ALL OTHER EXTERNAL CAUSES	3	0	0	1	3	1	0	3

TABLE 27A (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH; FOR STATE TOTAL BY RACE WITH RATES PER 100,000 FOR ALL RACES; AND FOR REGIONAL PLANNING COMMISSIONS: MISSOURI 1989

	KAYSIN-GER BASIN	SHOW-ME	SOUTH CEN. OZARK	MERAMEC	LAKE OF THE OZARKS	SOUTHEAST MISSOURI	BOOTHEEL	OZARK FOOTHILLS
ALL CAUSES	1,309	1,034	1,257	1,231	1,182	1,911	1,952	912
TUBERCULOSIS	1	0	0	2	0	1	1	0
AIDS	2	1	0	1	2	2	4	1
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	12	11	10	13	11	22	19	14
MALIGNANT NEOPLASMS	266	228	274	276	288	411	419	206
DIGESTIVE ORGANS	71	49	61	56	72	86	92	44
RESPIRATORY ORGANS	81	69	88	85	87	125	133	74
BREAST	13	24	16	26	18	38	38	14
GENITAL ORGANS	27	23	32	30	34	44	43	14
URINARY ORGANS	10	8	12	6	12	18	20	5
LEUKEMIA	9	6	15	9	7	20	11	8
OTHER MALIG. NEOPL.	55	49	50	64	58	80	82	47
DIABETES MELLITUS	28	20	31	23	15	33	43	24
MAJOR CARDIOVASC. DISEASE	665	476	579	566	564	948	945	388
DISEASES OF HEART	523	371	460	458	434	737	778	309
RHEUMATIC FEVER & RHEUM. HEART DISEASE	3	1	3	4	1	2	1	0
HYPERTENSIVE HEART	4	3	4	10	2	16	13	4
ISCHEMIC HEART	356	269	333	350	320	532	517	181
OTHER HEART DISEASE	160	98	120	94	111	187	247	124
HYPERTENSION	4	5	8	4	5	7	10	2
CEREBROVASCULAR DISEASE	105	85	86	82	90	150	134	68
ATHEROSCLEROSIS	21	7	9	14	16	30	8	1
OTHER MAJOR CARDIOVASC.	12	8	16	8	19	24	15	8
PNEUMONIA & INFLUENZA	52	45	42	48	31	73	52	47
CHRONIC PULMONARY DISEASE	51	47	74	57	50	83	88	28
ULCER OF STOMACH	4	3	8	5	4	10	2	3
LIVER DISEASE & CIRRHOSIS	1	4	13	6	14	11	17	7
NEPHRITIS & NEPHROSIS	17	18	8	15	7	19	16	13
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	9	3	7	7	4	11	10	1
DISEASES OF EARLY INFANCY	6	1	6	5	14	8	12	6
SYMPTOMS & ILL-DEF. COND.	17	11	10	21	9	16	31	10
ALL OTHER DISEASES	92	95	126	99	89	176	176	88
ACCIDENTAL DEATHS	57	50	47	64	61	67	76	60
MOTOR VEHICLE	25	31	28	42	36	51	39	39
OTHER ACC. DEATHS	32	19	19	22	25	16	37	21
SUICIDE	23	16	15	17	13	16	19	10
HOMICIDE & LEGAL INTERV	3	3	7	4	3	4	17	4
ALL OTHER EXTERNAL CAUSES	3	2	0	2	3	0	5	2

TABLE 27B RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	ADAIR	ANDREW	ATCHISON	AUDRAIN	BARRY	BARTON	BATES	BENTON
ALL CAUSES	202	149	99	296	336	163	222	182
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	1	0	0	0	1	0	2	0
SYPHILIS	0	0	1	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	2	0	5	0	1	1	4
MALIGNANT NEOPLASMS	49	34	22	68	81	20	43	44
DIGESTIVE ORGANS	12	8	13	11	12	2	12	7
RESPIRATORY ORGANS	18	3	0	22	30	7	14	17
BREAST	2	3	3	7	8	3	2	2
GENITAL ORGANS	7	6	2	8	10	1	4	4
URINARY ORGANS	1	3	0	2	2	2	1	3
LEUKEMIA	2	1	0	5	3	1	2	0
OTHER MALIG. NEOPL.	7	10	4	13	16	4	8	11
DIABETES MELLITUS	3	4	2	8	8	2	7	5
MAJOR CARDIOVASC. DISEASE	77	68	47	117	156	94	102	92
DISEASES OF HEART	60	56	31	97	121	80	77	81
RHEUMATIC FEVER & RHEUM. HEART DISEASE	1	1	0	0	1	1	2	0
HYPERTENSIVE HEART	0	1	0	2	0	1	0	0
ISCHEMIC HEART	38	30	24	69	94	64	50	65
OTHER HEART DISEASE	21	24	7	26	26	14	25	16
HYPERTENSION	1	2	1	3	0	0	0	2
CEREBROVASCULAR DISEASE	10	9	10	15	31	11	19	8
ATHEROSCLEROSIS	2	0	1	2	1	2	4	0
OTHER MAJOR CARDIOVASC.	4	1	4	0	3	1	2	1
PNEUMONIA & INFLUENZA	13	7	4	14	12	10	7	3
CHRONIC PULMONARY DISEASE	6	8	7	24	18	4	8	7
ULCER OF STOMACH	2	1	2	0	1	0	0	0
LIVER DISEASE & CIRRHOSIS	2	1	1	1	5	0	0	0
NEPHRITIS & NEPHROSIS	2	0	1	5	2	3	3	2
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	0	0	0	2	2	4	0
DISEASES OF EARLY INFANCY	3	0	0	2	1	1	4	0
SYMPTOMS & ILL-DEF. COND.	2	2	0	8	1	1	4	2
ALL OTHER DISEASES	26	16	9	34	29	14	18	13
ACCIDENTAL DEATHS	10	6	3	6	18	10	11	7
MOTOR VEHICLE	6	4	0	2	9	4	4	4
OTHER ACC. DEATHS	4	2	3	4	9	6	7	3
SUICIDE	2	0	0	4	1	1	6	2
HOMICIDE & LEGAL INTERV	0	0	0	0	0	0	1	0
ALL OTHER EXTERNAL CAUSES	1	0	0	0	0	0	1	1

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	BOLLINGER	BOONE	BUCHANAN	BUTLER	CALDWELL	CALLAWAY	CAMDEN	CAPE GIRARDEAU
ALL CAUSES	134	628	963	430	101	278	258	600
TUBERCULOSIS	1	0	0	0	0	0	0	0
AIDS	0	4	0	0	0	0	0	2
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	3	9	10	6	1	3	2	8
MALIGNANT NEOPLASMS	28	138	215	97	18	66	77	127
DIGESTIVE ORGANS	3	23	44	17	3	15	20	23
RESPIRATORY ORGANS	9	39	67	37	6	21	18	39
BREAST	5	12	16	7	0	5	7	13
GENITAL ORGANS	2	17	27	5	0	5	8	14
URINARY ORGANS	1	7	9	0	1	1	5	3
LEUKEMIA	2	4	10	4	1	3	0	7
OTHER MALIG. NEOPL.	6	36	42	27	7	16	19	28
DIABETES MELLITUS	1	18	20	14	2	5	2	10
MAJOR CARDIOVASC. DISEASE	72	239	424	183	55	126	123	317
DISEASES OF HEART	48	174	322	147	47	92	91	249
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	3	6	0	0	0	1	1
HYPERTENSIVE HEART	3	7	3	2	0	0	1	3
ISCHEMIC HEART	30	114	235	91	23	68	61	165
OTHER HEART DISEASE	15	50	78	54	24	24	28	80
HYPERTENSION	3	2	1	1	0	1	1	0
CEREBROVASCULAR DISEASE	19	41	75	31	7	28	27	42
ATHEROSCLEROSIS	1	7	15	1	0	1	1	17
OTHER MAJOR CARDIOVASC.	1	15	11	3	1	4	3	9
PNEUMONIA & INFLUENZA	2	23	22	18	1	15	4	22
CHRONIC PULMONARY DISEASE	8	23	57	15	3	10	12	20
ULCER OF STOMACH	2	2	2	1	0	0	2	3
LIVER DISEASE & CIRRHOSIS	1	6	7	3	1	1	1	2
NEPHRITIS & NEPHROSIS	1	7	9	9	3	1	0	2
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	2	8	6	0	0	4	0	3
DISEASES OF EARLY INFANCY	1	8	5	5	0	1	2	3
SYMPTOMS & ILL-DEF. COND.	2	5	15	2	1	3	2	8
ALL OTHER DISEASES	6	83	122	40	11	23	16	49
ACCIDENTAL DEATHS	2	30	32	29	5	15	11	15
MOTOR VEHICLE	1	17	18	19	1	8	6	12
OTHER ACC. DEATHS	1	13	14	10	4	7	5	3
SUICIDE	1	19	13	5	0	2	4	9
HOMICIDE & LEGAL INTERV	1	3	1	2	0	3	0	0
ALL OTHER EXTERNAL CAUSES	0	3	3	1	0	0	0	0

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	CARROLL	CARTER	CASS	CEDAR	CHARITON	CHRISTIAN	CLARK	CLAY
ALL CAUSES	168	77	459	178	125	255	87	1,076
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	0	1	0	0	0	0	8
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	0	2	5	2	0	4	1	8
MALIGNANT NEOPLASMS	34	21	103	34	28	49	16	237
DIGESTIVE ORGANS	4	5	19	8	4	7	5	45
RESPIRATORY ORGANS	8	6	41	8	8	19	2	76
BREAST	5	1	10	3	4	3	1	23
GENITAL ORGANS	2	2	6	3	4	4	0	25
URINARY ORGANS	1	1	4	2	1	4	2	11
LEUKEMIA	3	1	6	1	0	2	1	12
OTHER MALIG. NEOPL.	11	5	17	9	7	10	5	45
DIABETES MELLITUS	3	2	5	1	6	7	0	25
MAJOR CARDIOVASC. DISEASE	87	30	193	95	57	113	35	466
DISEASES OF HEART	75	19	154	68	47	87	24	375
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	0	0	2	0	1
HYPERTENSIVE HEART	1	0	2	0	0	0	1	12
ISCHEMIC HEART	44	9	111	38	34	61	19	244
OTHER HEART DISEASE	30	10	41	30	13	24	4	118
HYPERTENSION	0	0	2	1	0	0	0	5
CEREBROVASCULAR DISEASE	8	11	34	21	7	23	11	60
ATHEROSCLEROSIS	0	0	1	4	2	1	0	5
OTHER MAJOR CARDIOVASC.	4	0	2	1	1	2	0	21
PNEUMONIA & INFLUENZA	9	2	21	12	6	9	4	33
CHRONIC PULMONARY DISEASE	1	1	32	7	3	13	3	51
ULCER OF STOMACH	0	1	1	1	0	1	0	0
LIVER DISEASE & CIRRHOSIS	3	1	2	0	0	2	0	11
NEPHRITIS & NEPHROSIS	4	1	8	3	1	2	1	8
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	0	2	1	1	2	0	11
DISEASES OF EARLY INFANCY	1	0	2	0	1	1	2	8
SYMPTOMS & ILL-DEF. COND.	6	5	7	5	1	2	4	4
ALL OTHER DISEASES	8	6	39	12	13	29	17	126
ACCIDENTAL DEATHS	8	4	24	4	8	13	3	50
MOTOR VEHICLE	1	2	13	2	2	12	0	31
OTHER ACC. DEATHS	7	2	11	2	6	1	3	19
SUICIDE	3	0	9	0	0	6	0	20
HOMICIDE & LEGAL INTERV	0	1	4	0	0	1	0	7
ALL OTHER EXTERNAL CAUSES	1	0	1	1	0	1	1	3

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	CLINTON	COLE	COOPER	CRAWFORD	DADE	DALLAS	DAVIESS	DE KALB
ALL CAUSES	196	546	158	212	140	170	91	105
TUBERCULOSIS	0	0	0	1	0	0	0	0
AIDS	0	1	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	3	1	0	2	1	1	0
MALIGNANT NEOPLASMS	42	125	37	52	36	44	21	22
DIGESTIVE ORGANS	10	28	9	12	7	12	4	5
RESPIRATORY ORGANS	15	35	8	16	12	12	7	6
BREAST	2	8	6	3	4	4	4	0
GENITAL ORGANS	5	17	6	5	3	5	1	3
URINARY ORGANS	1	11	1	0	1	1	1	0
LEUKEMIA	2	5	0	3	0	3	0	3
OTHER MALIG. NEOPL.	7	21	7	13	9	7	4	5
DIABETES MELLITUS	3	13	3	4	2	4	3	2
MAJOR CARDIOVASC. DISEASE	91	252	63	99	65	56	44	43
DISEASES OF HEART	70	189	44	86	53	41	27	35
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	1	0	0	0	0	0	0
HYPERTENSIVE HEART	0	5	0	1	0	1	1	0
ISCHEMIC HEART	35	134	33	69	26	32	19	22
OTHER HEART DISEASE	35	49	11	16	27	8	7	13
HYPERTENSION	0	2	0	0	0	0	1	0
CEREBROVASCULAR DISEASE	18	47	18	10	9	12	15	8
ATHEROSCLEROSIS	2	6	0	2	2	2	0	0
OTHER MAJOR CARDIOVASC.	1	8	1	1	1	1	1	0
PNEUMONIA & INFLUENZA	10	15	8	8	3	7	0	7
CHRONIC PULMONARY DISEASE	6	14	6	10	5	8	6	5
ULCER OF STOMACH	0	3	1	1	0	1	0	0
LIVER DISEASE & CIRRHOSIS	0	6	1	2	1	1	0	1
NEPHRITIS & NEPHROSIS	3	4	3	2	1	2	0	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	1	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	2	1	0	0	2	0	0
DISEASES OF EARLY INFANCY	1	4	0	1	0	2	1	0
SYMPTOMS & ILL-DEF. COND.	1	7	2	5	9	6	1	2
ALL OTHER DISEASES	20	57	20	16	11	24	10	19
ACCIDENTAL DEATHS	7	29	4	5	4	7	2	2
MOTOR VEHICLE	4	17	2	4	3	6	0	1
OTHER ACC. DEATHS	3	12	2	1	1	1	2	1
SUICIDE	9	9	4	4	1	3	2	1
HOMICIDE & LEGAL INTERV	0	1	4	1	0	1	0	1
ALL OTHER EXTERNAL CAUSES	0	0	0	1	0	1	0	0

TABLE 278 (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	DENT	DOUGLAS	DUNKLIN	FRANKLIN	GASCONADE	GENTRY	GREENE	GRUNDY
ALL CAUSES	189	131	487	700	184	114	1,837	175
TUBERCULOSIS	0	0	0	0	0	0	2	0
AIDS	0	0	1	3	0	0	33	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	4	0	5	1	2	1	13	1
MALIGNANT NEOPLASMS	44	24	114	146	41	24	483	37
DIGESTIVE ORGANS	9	5	26	40	8	6	99	2
RESPIRATORY ORGANS	9	5	30	27	11	6	143	12
BREAST	7	1	10	11	5	2	39	2
GENITAL ORGANS	6	3	14	16	2	2	53	1
URINARY ORGANS	1	0	4	8	2	3	21	2
LEUKEMIA	1	2	1	11	1	2	18	3
OTHER MALIG. NEOPL.	11	8	29	33	12	3	80	15
DIABETES MELLITUS	2	3	11	17	3	3	40	4
MAJOR CARDIOVASC. DISEASE	96	49	235	328	89	53	781	79
DISEASES OF HEART	78	42	191	275	73	37	595	57
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	2	1	0	6	0
HYPERTENSIVE HEART	1	0	3	7	2	0	8	1
ISCHEMIC HEART	61	26	136	178	57	24	428	45
OTHER HEART DISEASE	16	16	52	88	13	13	153	11
HYPERTENSION	0	0	3	2	1	1	4	0
CEREBROVASCULAR DISEASE	11	7	35	40	12	13	141	19
ATHEROSCLEROSIS	3	0	1	3	2	0	18	1
OTHER MAJOR CARDIOVASC.	4	0	5	8	1	2	23	2
PNEUMONIA & INFLUENZA	6	6	10	24	7	10	55	5
CHRONIC PULMONARY DISEASE	6	6	26	24	5	9	100	13
ULCER OF STOMACH	1	0	0	2	0	0	5	1
LIVER DISEASE & CIRRHOSIS	1	1	3	3	0	0	20	1
NEPHRITIS & NEPHROSIS	1	0	2	7	3	0	21	3
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	1	2	4	0	2	5	0
DISEASES OF EARLY INFANCY	2	1	3	4	0	0	17	0
SYMPTOMS & ILL-DEF. COND.	1	2	8	20	2	1	14	4
ALL OTHER DISEASES	10	27	46	59	18	6	180	20
ACCIDENTAL DEATHS	10	8	18	42	10	4	51	4
MOTOR VEHICLE	7	3	7	28	8	2	32	0
OTHER ACC. DEATHS	3	5	11	14	2	2	19	4
SUICIDE	3	2	1	9	4	1	32	3
HOMICIDE & LEGAL INTERV	1	1	2	1	0	0	11	0
ALL OTHER EXTERNAL CAUSES	0	0	0	6	0	0	4	0

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	HARRISON	HENRY	HICKORY	HOLT	HOWARD	HOWELL	IRON	JACKSON
ALL CAUSES	155	286	110	78	135	398	154	6,230
TUBERCULOSIS	0	1	0	0	0	0	0	0
AIDS	1	0	0	0	0	0	0	87
SYPHILIS	0	0	0	0	0	0	0	1
RESIDUAL OF INFECT. DIS.	1	2	1	0	2	2	2	101
MALIGNANT NEOPLASMS	42	54	16	12	30	92	29	1,431
DIGESTIVE ORGANS	11	20	7	4	14	19	5	333
RESPIRATORY ORGANS	14	14	7	1	5	33	12	461
BREAST	2	2	0	0	3	6	2	129
GENITAL ORGANS	5	4	0	3	1	9	2	147
URINARY ORGANS	1	3	0	0	2	6	2	54
LEUKEMIA	2	2	0	0	0	5	1	52
OTHER MALIG. NEOPL.	7	9	2	4	5	14	5	255
DIABETES MELLITUS	3	3	5	0	1	6	3	143
MAJOR CARDIOVASC. DISEASE	66	154	58	33	55	198	71	2,495
DISEASES OF HEART	52	119	43	23	34	159	52	1,951
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	1	0	0	0	0	0	13
HYPERTENSIVE HEART	0	0	0	1	0	0	2	70
ISCHEMIC HEART	48	94	35	16	25	125	36	1,331
OTHER HEART DISEASE	4	24	8	6	9	34	14	537
HYPERTENSION	0	0	1	0	0	2	1	28
CEREBROVASCULAR DISEASE	12	29	6	7	12	32	14	382
ATHEROSCLEROSIS	1	2	5	0	5	1	2	57
OTHER MAJOR CARDIOVASC.	1	4	3	3	4	4	2	77
PNEUMONIA & INFLUENZA	7	4	7	6	8	7	11	187
CHRONIC PULMONARY DISEASE	7	12	5	6	4	17	12	298
ULCER OF STOMACH	2	2	1	1	0	2	0	19
LIVER DISEASE & CIRRHOSIS	0	1	0	0	1	8	1	68
NEPHRITIS & NEPHROSIS	2	3	0	1	2	2	1	62
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	1	0	2	0	2	1	32
DISEASES OF EARLY INFANCY	1	0	0	0	1	3	0	46
SYMPTOMS & ILL-DEF. COND.	1	3	1	0	1	0	0	70
ALL OTHER DISEASES	15	26	6	15	17	35	12	723
ACCIDENTAL DEATHS	7	14	8	2	9	17	11	231
MOTOR VEHICLE	3	6	5	0	7	8	9	110
OTHER ACC. DEATHS	4	8	3	2	2	9	2	121
SUICIDE	0	6	2	0	4	5	0	82
HOMICIDE & LEGAL INTERV	0	0	0	0	0	2	0	138
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	16

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	JASPER	JEFFERSON	JOHNSON	KNOX	LACLEDE	LAFAYETTE	LAWRENCE	LEWIS
ALL CAUSES	951	1,068	267	67	280	380	377	130
TUBERCULOSIS	1	1	0	0	0	0	1	0
AIDS	2	2	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	6	3	3	3	3	3	3	3
MALIGNANT NEOPLASMS	231	288	59	8	72	76	90	31
DIGESTIVE ORGANS	50	56	14	2	19	16	14	8
RESPIRATORY ORGANS	79	108	17	2	21	20	32	7
BREAST	19	24	12	2	4	7	4	3
GENITAL ORGANS	20	26	5	0	11	10	9	2
URINARY ORGANS	5	13	1	0	3	3	5	1
LEUKEMIA	13	7	1	0	1	1	3	1
OTHER MALIG. NEOPL.	45	54	9	2	13	19	23	9
DIABETES MELLITUS	21	20	6	1	6	7	5	5
MAJOR CARDIOVASC. DISEASE	442	461	134	40	130	189	176	59
DISEASES OF HEART	351	381	109	34	112	155	141	50
RHEUMATIC FEVER & RHEUM. HEART DISEASE	3	3	1	0	0	0	0	1
HYPERTENSIVE HEART	5	8	0	1	0	2	0	1
ISCHEMIC HEART	257	299	91	21	74	112	106	34
OTHER HEART DISEASE	86	71	17	12	38	41	35	14
HYPERTENSION	1	3	0	0	2	3	2	1
CEREBROVASCULAR DISEASE	70	66	18	5	12	27	26	5
ATHEROSCLEROSIS	11	6	5	1	2	1	3	2
OTHER MAJOR CARDIOVASC.	9	5	2	0	2	3	4	1
PNEUMONIA & INFLUENZA	32	50	5	3	7	18	18	8
CHRONIC PULMONARY DISEASE	45	40	10	1	10	21	11	5
ULCER OF STOMACH	1	1	0	0	1	0	2	0
LIVER DISEASE & CIRRHOSIS	6	6	1	0	1	3	1	0
NEPHRITIS & NEPHROSIS	7	8	4	1	2	8	4	3
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	4	7	2	0	1	0	0	0
DISEASES OF EARLY INFANCY	3	7	1	0	6	0	1	0
SYMPTOMS & ILL-DEF. COND.	3	7	0	1	1	6	2	0
ALL OTHER DISEASES	81	79	16	6	14	26	34	10
ACCIDENTAL DEATHS	48	51	13	2	18	21	23	5
MOTOR VEHICLE	25	25	12	0	11	12	11	4
OTHER ACC. DEATHS	23	26	1	2	7	9	12	1
SUICIDE	13	29	11	0	3	2	4	1
HOMICIDE & LEGAL INTERV	2	5	1	0	3	0	2	0
ALL OTHER EXTERNAL CAUSES	3	3	1	1	2	0	0	0

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	LINCOLN	LINN	LIVINGSTON	MC DONALD	MACON	MADISON	MARIES	MARION
ALL CAUSES	258	215	203	154	203	145	102	337
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	0	2	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	1	1	1	1	2	1	2
MALIGNANT NEOPLASMS	57	55	43	35	51	35	23	85
DIGESTIVE ORGANS	8	6	9	13	10	7	6	17
RESPIRATORY ORGANS	19	16	14	13	16	14	7	24
BREAST	8	8	10	2	5	2	0	3
GENITAL ORGANS	8	7	3	4	7	1	1	11
URINARY ORGANS	1	2	0	0	2	4	0	2
LEUKEMIA	0	2	2	0	1	1	2	5
OTHER MALIG. NEOPL.	13	14	5	3	10	6	7	23
DIABETES MELLITUS	2	7	3	2	1	4	2	4
MAJOR CARDIOVASC. DISEASE	109	100	97	77	93	70	43	162
DISEASES OF HEART	88	76	79	63	77	59	34	126
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	1	1	0	0	0	0	2
HYPERTENSIVE HEART	2	0	2	0	5	2	1	1
ISCHEMIC HEART	57	56	60	45	48	42	23	70
OTHER HEART DISEASE	29	19	16	18	24	15	10	53
HYPERTENSION	0	0	1	0	0	2	1	2
CEREBROVASCULAR DISEASE	13	22	12	10	13	7	7	23
ATHEROSCLEROSIS	1	2	2	4	2	0	1	6
OTHER MAJOR CARDIOVASC.	7	0	3	0	1	2	0	5
PNEUMONIA & INFLUENZA	13	4	5	9	10	4	3	15
CHRONIC PULMONARY DISEASE	11	13	12	6	6	10	7	15
ULCER OF STOMACH	0	0	1	1	0	1	1	2
LIVER DISEASE & CIRRHOSIS	3	3	2	1	1	0	1	0
NEPHRITIS & NEPHROSIS	4	3	4	1	2	0	2	6
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	2	1	0	1	0	0	1	4
DISEASES OF EARLY INFANCY	2	0	2	0	2	2	0	1
SYMPTOMS & ILL-DEF. COND.	6	0	1	1	3	0	5	1
ALL OTHER DISEASES	21	20	26	9	26	14	5	26
ACCIDENTAL DEATHS	20	5	3	8	6	2	6	12
MOTOR VEHICLE	12	1	1	4	4	2	5	7
OTHER ACC. DEATHS	8	4	2	4	2	0	1	5
SUICIDE	4	1	2	2	1	1	1	2
HOMICIDE & LEGAL INTERV	2	0	1	0	0	0	1	0
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	MERCER	MILLER	MISSISS-SIPPI	MONITEAU	MONROE	MONTGOMERY	MORGAN	NEW MADRID
ALL CAUSES	52	195	199	121	104	154	211	249
TUBERCULOSIS	0	0	0	0	0	1	0	0
AIDS	0	0	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	0	1	3	0	1	2	0	2
MALIGNANT NEOPLASMS	12	42	38	24	27	32	44	51
DIGESTIVE ORGANS	4	11	10	5	6	3	10	6
RESPIRATORY ORGANS	1	17	12	7	8	13	15	19
BREAST	2	1	5	5	1	2	4	6
GENITAL ORGANS	2	2	5	1	3	2	6	5
URINARY ORGANS	0	1	1	1	2	0	1	5
LEUKEMIA	0	1	2	1	1	1	1	0
OTHER MALIG. NEOPL.	3	9	3	4	6	11	7	10
DIABETES MELLITUS	0	2	5	2	3	0	2	5
MAJOR CARDIOVASC. DISEASE	27	101	98	71	44	79	110	119
DISEASES OF HEART	17	74	81	59	34	55	76	106
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	0	1	0	0	0
HYPERTENSIVE HEART	0	1	1	2	1	0	0	3
ISCHEMIC HEART	13	53	55	39	23	43	65	76
OTHER HEART DISEASE	4	20	25	18	9	12	11	27
HYPERTENSION	1	2	1	1	0	1	0	1
CEREBROVASCULAR DISEASE	6	17	13	9	8	13	25	12
ATHEROSCLEROSIS	1	1	0	1	2	4	5	0
OTHER MAJOR CARDIOVASC.	2	7	3	1	0	6	4	0
PNEUMONIA & INFLUENZA	1	3	4	1	8	8	6	7
CHRONIC PULMONARY DISEASE	5	12	7	5	2	9	7	9
ULCER OF STOMACH	0	0	0	0	0	1	1	2
LIVER DISEASE & CIRRHOSIS	0	4	1	0	0	1	4	6
NEPHRITIS & NEPHROSIS	1	1	1	2	1	2	2	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	0	0	2	0	0	0	1	0
DISEASES OF EARLY INFANCY	1	1	0	2	1	0	0	0
SYMPTOMS & ILL-DEF. COND.	0	1	2	0	2	0	0	3
ALL OTHER DISEASES	4	19	20	9	7	13	22	28
ACCIDENTAL DEATHS	1	8	13	3	4	6	10	9
MOTOR VEHICLE	1	4	9	2	2	3	5	3
OTHER ACC. DEATHS	0	4	4	1	2	3	5	6
SUICIDE	0	0	3	2	4	0	2	2
HOMICIDE & LEGAL INTERV	0	0	2	0	0	0	0	1
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	1

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	NEWTON	NODAWAY	OREGON	OSAGE	OZARK	PEMISCOT	PERRY	PETTIS
ALL CAUSES	405	209	111	112	108	284	190	387
TUBERCULOSIS	1	0	0	0	0	0	0	0
AIDS	0	0	0	0	0	0	0	1
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	8	2	1	3	4	2	1	5
MALIGNANT NEOPLASMS	85	45	20	25	30	54	33	93
DIGESTIVE ORGANS	16	17	4	8	9	14	9	19
RESPIRATORY ORGANS	33	8	5	4	9	20	6	32
BREAST	8	7	4	1	1	5	1	5
GENITAL ORGANS	7	8	3	2	4	4	1	8
URINARY ORGANS	3	0	0	1	2	5	1	4
LEUKEMIA	2	2	0	4	0	1	3	4
OTHER MALIG. NEOPL.	16	3	4	5	5	5	12	21
DIABETES MELLITUS	1	4	3	2	3	4	3	7
MAJOR CARDIOVASC. DISEASE	174	103	58	52	44	137	109	153
DISEASES OF HEART	136	77	46	39	34	105	82	107
RHEUMATIC FEVER & RHEUM. HEART DISEASE	3	1	0	0	1	0	1	0
HYPERTENSIVE HEART	0	1	0	0	1	1	3	1
ISCHEMIC HEART	84	50	32	29	22	72	66	66
OTHER HEART DISEASE	49	25	14	10	10	32	12	40
HYPERTENSION	4	1	1	0	1	0	0	2
CEREBROVASCULAR DISEASE	30	18	6	10	6	30	23	40
ATHEROSCLEROSIS	2	5	2	0	0	2	2	1
OTHER MAJOR CARDIOVASC.	2	2	3	3	3	0	2	3
PNEUMONIA & INFLUENZA	12	16	6	3	2	11	5	22
CHRONIC PULMONARY DISEASE	21	6	5	3	5	10	8	16
ULCER OF STOMACH	2	0	0	0	1	0	1	3
LIVER DISEASE & CIRRHOSIS	3	1	0	0	0	2	2	0
NEPHRITIS & NEPHROSIS	7	2	1	0	0	2	0	6
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	3	1	2	1	1	1	1	1
DISEASES OF EARLY INFANCY	2	0	0	1	0	2	0	0
SYMPTOMS & ILL-DEF. COND.	8	3	1	1	0	11	3	5
ALL OTHER DISEASES	40	17	9	12	10	19	15	53
ACCIDENTAL DEATHS	31	6	5	6	4	14	6	16
MOTOR VEHICLE	24	4	3	1	2	8	5	7
OTHER ACC. DEATHS	7	2	2	5	2	6	1	9
SUICIDE	7	2	0	2	3	7	2	3
HOMICIDE & LEGAL INTERV	0	1	0	1	1	6	1	2
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	2	0	1

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	PHELPS	PIKE	PLATTE	POLK	PULASKI	PUTNAM	RALLS	RANDOLPH
ALL CAUSES	367	204	332	227	238	90	84	277
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	1	0	3	1	2	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	6	3	2	3	5	0	3	1
MALIGNANT NEOPLASMS	73	50	80	52	53	14	26	40
DIGESTIVE ORGANS	15	11	19	10	12	2	8	9
RESPIRATORY ORGANS	25	11	19	14	16	3	4	11
BREAST	7	2	4	3	2	1	0	4
GENITAL ORGANS	8	7	18	7	7	1	1	2
URINARY ORGANS	2	4	3	5	2	0	0	3
LEUKEMIA	0	2	3	4	4	0	2	2
OTHER MALIG. NEOPL.	16	13	14	9	10	7	11	9
DIABETES MELLITUS	9	4	7	6	3	3	0	9
MAJOR CARDIOVASC. DISEASE	171	87	125	102	100	54	25	132
DISEASES OF HEART	132	56	93	64	81	40	19	101
RHEUMATIC FEVER & RHEUM. HEART DISEASE	2	0	0	0	0	0	0	1
HYPERTENSIVE HEART	4	2	2	0	0	0	0	0
ISCHEMIC HEART	97	38	65	38	67	34	14	54
OTHER HEART DISEASE	29	16	26	26	14	6	5	46
HYPERTENSION	2	0	1	7	0	0	0	2
CEREBROVASCULAR DISEASE	32	19	19	24	9	8	4	24
ATHEROSCLEROSIS	3	11	4	7	7	6	0	4
OTHER MAJOR CARDIOVASC.	2	1	8	0	3	0	2	1
PNEUMONIA & INFLUENZA	11	8	15	4	11	1	6	21
CHRONIC PULMONARY DISEASE	21	10	26	11	9	4	2	13
ULCER OF STOMACH	2	1	0	0	0	0	0	0
LIVER DISEASE & CIRRHOSIS	1	1	5	1	4	0	1	3
NEPHRITIS & NEPHROSIS	3	0	3	5	2	2	2	2
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	1	0	0	0	0	0
CONGENITAL ANOMALIES	1	1	5	0	2	0	0	5
DISEASES OF EARLY INFANCY	1	5	1	0	5	0	0	0
SYMPTOMS & ILL-DEF. COND.	8	12	3	4	5	0	3	2
ALL OTHER DISEASES	36	11	32	9	18	7	8	31
ACCIDENTAL DEATHS	18	10	16	24	14	5	6	8
MOTOR VEHICLE	8	6	8	15	10	3	2	2
OTHER ACC. DEATHS	10	4	8	9	4	2	4	6
SUICIDE	3	1	5	3	4	0	1	9
HOMICIDE & LEGAL INTERV	1	0	3	2	0	0	1	0
ALL OTHER EXTERNAL CAUSES	1	0	0	0	1	0	0	1

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	RAY	REYNOLDS	RIPLEY	ST CHARLES	ST CLAIR	ST FRANCOIS	STE GENEVIEVE	ST LOUIS CITY
ALL CAUSES	201	74	170	1,059	132	562	126	5,648
TUBERCULOSIS	0	0	0	0	0	0	0	4
AIDS	1	0	1	3	0	0	0	68
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	0	4	8	0	4	2	71
MALIGNANT NEOPLASMS	42	17	31	296	31	121	38	1,217
DIGESTIVE ORGANS	8	3	9	77	4	30	9	305
RESPIRATORY ORGANS	13	6	11	84	8	35	10	360
BREAST	1	0	3	29	2	6	9	89
GENITAL ORGANS	5	4	2	30	4	18	6	153
URINARY ORGANS	2	2	2	9	0	5	2	43
LEUKEMIA	1	0	0	10	3	6	0	32
OTHER MALIG. NEOPL.	12	2	4	57	10	21	2	235
DIABETES MELLITUS	11	2	4	13	2	11	1	132
MAJOR CARDIOVASC. DISEASE	84	32	75	427	68	251	58	2,495
DISEASES OF HEART	62	25	63	352	59	201	46	2,044
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0	4	0	0	0	7
HYPERTENSIVE HEART	1	1	0	13	4	3	0	117
ISCHEMIC HEART	43	11	42	281	38	155	38	1,500
OTHER HEART DISEASE	18	13	21	54	17	43	8	420
HYPERTENSION	1	0	0	6	0	1	0	29
CEREBROVASCULAR DISEASE	15	4	12	49	6	37	8	352
ATHEROSCLEROSIS	0	0	0	7	3	8	0	24
OTHER MAJOR CARDIOVASC.	6	3	0	13	0	4	4	46
PNEUMONIA & INFLUENZA	10	1	14	50	7	25	4	177
CHRONIC PULMONARY DISEASE	9	3	3	40	5	21	4	236
ULCER OF STOMACH	1	0	0	1	0	3	0	11
LIVER DISEASE & CIRRHOSIS	2	0	1	18	0	5	0	66
NEPHRITIS & NEPHROSIS	3	1	1	10	1	13	2	67
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	0	0	7	1	4	0	29
DISEASES OF EARLY INFANCY	2	0	1	9	1	0	2	54
SYMPTOMS & ILL-DEF. COND.	0	0	3	5	0	1	2	42
ALL OTHER DISEASES	20	12	18	97	6	68	12	582
ACCIDENTAL DEATHS	9	4	11	54	5	30	1	209
MOTOR VEHICLE	6	3	7	31	2	22	0	61
OTHER ACC. DEATHS	3	1	4	23	3	8	1	148
SUICIDE	3	2	1	16	5	3	0	43
HOMICIDE & LEGAL INTERV	0	0	1	5	0	2	0	141
ALL OTHER EXTERNAL CAUSES	1	0	1	0	0	0	0	4

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	ST LOUIS COUNTY	SALINE	SCHUYLER	SCOTLAND	SCOTT	SHANNON	SHELBY	STODDARD
ALL CAUSES	8,347	294	67	89	398	75	108	335
TUBERCULOSIS	3	0	0	0	0	0	0	1
AIDS	47	0	0	0	3	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	71	3	0	0	5	0	1	2
MALIGNANT NEOPLASMS	2,170	60	9	18	87	10	19	75
DIGESTIVE ORGANS	488	9	2	4	17	3	4	19
RESPIRATORY ORGANS	626	18	2	4	31	4	6	21
BREAST	219	5	1	1	5	1	1	7
GENITAL ORGANS	239	6	1	2	9	0	2	6
URINARY ORGANS	85	4	0	1	2	0	1	3
LEUKEMIA	69	5	0	1	2	1	0	5
OTHER MALIG. NEOPL.	444	11	3	5	21	1	5	14
DIABETES MELLITUS	204	7	2	0	10	4	1	8
MAJOR CARDIOVASC. DISEASE	3,677	134	29	45	194	39	64	162
DISEASES OF HEART	2,955	100	22	31	158	29	49	137
RHEUMATIC FEVER & RHEUM. HEART DISEASE	26	0	0	0	1	1	0	0
HYPERTENSIVE HEART	89	2	3	0	5	0	14	0
ISCHEMIC HEART	2,365	62	13	22	114	22	30	64
OTHER HEART DISEASE	475	36	6	9	38	6	5	73
HYPERTENSION	38	1	0	0	3	1	0	2
CEREBROVASCULAR DISEASE	521	31	6	11	26	7	9	18
ATHEROSCLEROSIS	59	1	1	3	4	2	3	1
OTHER MAJOR CARDIOVASC.	104	1	0	0	3	0	3	4
PNEUMONIA & INFLUENZA	315	13	5	5	7	1	5	13
CHRONIC PULMONARY DISEASE	322	19	2	0	16	5	3	20
ULCER OF STOMACH	24	0	0	0	0	1	0	0
LIVER DISEASE & CIRRHOSIS	60	2	1	0	3	1	1	2
NEPHRITIS & NEPHROSIS	68	1	2	2	3	1	1	4
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	3	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	49	2	0	0	3	0	1	2
DISEASES OF EARLY INFANCY	50	2	0	1	4	1	0	3
SYMPTOMS & ILL-DEF. COND.	48	6	0	0	2	3	0	5
ALL OTHER DISEASES	812	28	13	12	41	4	10	22
ACCIDENTAL DEATHS	235	12	3	6	13	5	2	9
MOTOR VEHICLE	110	6	1	3	7	4	2	5
OTHER ACC. DEATHS	125	6	2	3	6	1	0	4
SUICIDE	126	4	1	0	3	0	0	3
HOMICIDE & LEGAL INTERV	52	1	0	0	3	0	0	3
ALL OTHER EXTERNAL CAUSES	11	0	0	0	1	0	0	1

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	STONE	SULLIVAN	TANEY	TEXAS	VERNON	WARREN	WASHINGTON	WAYNE
ALL CAUSES	213	124	286	251	199	152	177	161
TUBERCULOSIS	0	0	0	0	0	0	1	0
AIDS	0	0	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	2	0	2	2	2	1	0	2
MALIGNANT NEOPLASMS	52	26	66	58	44	40	43	40
DIGESTIVE ORGANS	14	10	13	14	13	6	6	10
RESPIRATORY ORGANS	17	7	24	22	13	12	17	14
BREAST	5	0	1	1	2	3	4	3
GENITAL ORGANS	3	2	11	7	8	4	8	1
URINARY ORGANS	2	1	3	3	1	4	1	0
LEUKEMIA	3	2	3	2	1	2	2	3
OTHER MALIG. NEOPL.	8	4	11	9	6	9	5	9
DIABETES MELLITUS	2	1	6	8	5	3	3	2
MAJOR CARDIOVASC. DISEASE	90	57	140	115	96	69	68	68
DISEASES OF HEART	62	51	111	87	76	55	55	55
RHEUMATIC FEVER & RHEUM. HEART DISEASE	1	1	3	1	0	0	1	0
HYPERTENSIVE HEART	0	0	0	3	0	1	1	1
ISCHEMIC HEART	48	34	76	64	36	38	43	28
OTHER HEART DISEASE	13	16	32	19	40	16	10	26
HYPERTENSION	2	0	1	3	0	0	0	1
CEREBROVASCULAR DISEASE	18	5	20	17	16	11	10	10
ATHEROSCLEROSIS	0	0	4	2	3	2	3	0
OTHER MAJOR CARDIOVASC.	8	1	4	6	1	1	0	2
PNEUMONIA & INFLUENZA	4	9	5	6	12	4	13	12
CHRONIC PULMONARY DISEASE	11	5	11	17	7	5	8	6
ULCER OF STOMACH	0	0	2	3	0	0	0	1
LIVER DISEASE & CIRRHOSIS	1	0	1	1	0	1	1	2
NEPHRITIS & NEPHROSIS	2	3	2	4	5	5	4	1
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0	0	0	0	0
CONGENITAL ANOMALIES	1	2	0	0	2	0	4	1
DISEASES OF EARLY INFANCY	1	0	1	0	1	0	1	0
SYMPTOMS & ILL-DEF. COND.	9	1	4	3	2	8	0	0
ALL OTHER DISEASES	22	15	23	24	11	8	14	12
ACCIDENTAL DEATHS	13	5	12	4	8	7	15	12
MOTOR VEHICLE	4	3	8	4	2	4	10	8
OTHER ACC. DEATHS	9	2	4	0	6	3	5	4
SUICIDE	2	0	5	4	2	1	2	2
HOMICIDE & LEGAL INTERV	1	0	6	2	2	0	0	0
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0

TABLE 27B (CONT) RESIDENT DEATHS BY SELECTED CAUSES OF DEATH BY COUNTY: MISSOURI 1989

	WEBSTER	WORTH	WRIGHT
ALL CAUSES	198	46	183
TUBERCULOSIS	0	0	0
AIDS	1	0	0
SYPHILIS	0	0	0
RESIDUAL OF INFECT. DIS.	1	0	1
MALIGNANT NEOPLASMS	53	12	40
DIGESTIVE ORGANS	6	5	7
RESPIRATORY ORGANS	17	1	10
BREAST	6	3	2
GENITAL ORGANS	6	0	6
URINARY ORGANS	1	0	1
LEUKEMIA	3	1	5
OTHER MALIG. NEOPL.	14	2	9
DIABETES MELLITUS	1	2	4
MAJOR CARDIOVASC. DISEASE	88	25	76
DISEASES OF HEART	71	17	63
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	0	0
HYPERTENSIVE HEART	3	0	0
ISCHEMIC HEART	55	11	42
OTHER HEART DISEASE	13	6	21
HYPERTENSION	1	0	0
CEREBROVASCULAR DISEASE	14	6	11
ATHEROSCLEROSIS	0	2	2
OTHER MAJOR CARDIOVASC.	2	0	0
PNEUMONIA & INFLUENZA	6	0	14
CHRONIC PULMONARY DISEASE	7	0	19
ULCER OF STOMACH	0	0	1
LIVER DISEASE & CIRRHOSIS	0	0	2
NEPHRITIS & NEPHROSIS	1	0	0
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0
CONGENITAL ANOMALIES	4	0	1
DISEASES OF EARLY INFANCY	1	0	1
SYMPTOMS & ILL-DEF. COND.	2	0	1
ALL OTHER DISEASES	18	4	17
ACCIDENTAL DEATHS	10	3	4
MOTOR VEHICLE	6	1	4
OTHER ACC. DEATHS	4	2	0
SUICIDE	4	0	1
HOMICIDE & LEGAL INTERV	1	0	1
ALL OTHER EXTERNAL CAUSES	0	0	0

TABLE 27C

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	BLUE SPRINGS	CAPE GIRARDEAU	COLUMBIA	FLORISSANT	INDE-PENDENCE	JEFFERSON CITY	JOPLIN
ALL CAUSES	189	368	428	450	1,030	416	491
TUBERCULOSIS	0	0	0	0	0	0	0
AIDS	1	1	4	2	3	1	2
SYPHILIS	0	0	0	0	1	0	0
RESIDUAL OF INFECT. DIS.	1	3	6	2	16	2	4
MALIGNANT NEOPLASMS	50	78	90	110	246	95	112
DIGESTIVE ORGANS	13	15	18	23	45	18	24
RESPIRATORY ORGANS	15	27	27	34	81	29	44
BREAST	6	7	10	12	27	7	10
GENITAL ORGANS	6	8	9	13	30	13	7
URINARY ORGANS	1	1	3	3	6	9	1
LEUKEMIA	2	5	2	4	11	5	4
OTHER MALIG. NEOPL.	7	15	21	21	46	14	22
DIABETES MELLITUS	4	4	14	11	22	8	9
MAJOR CARDIOVASC. DISEASE	69	190	148	194	459	201	220
DISEASES OF HEART	50	144	109	164	386	147	173
RHEUMATIC FEVER & RHEUM. HEART DISEASE	0	1	3	1	4	1	0
HYPERTENSIVE HEART	2	2	2	6	26	4	2
ISCHEMIC HEART	30	94	69	125	242	105	121
OTHER HEART DISEASE	18	47	35	32	114	37	50
HYPERTENSION	1	0	1	3	6	2	1
CEREBROVASCULAR DISEASE	12	26	26	19	48	40	36
ATHEROSCLEROSIS	3	16	4	4	8	5	6
OTHER MAJOR CARDIOVASC.	3	4	6	4	11	7	4
PNEUMONIA & INFLUENZA	8	18	20	13	27	12	19
CHRONIC PULMONARY DISEASE	8	14	13	21	62	13	23
ULCER OF STOMACH	0	2	2	0	3	2	2
LIVER DISEASE & CIRRHOSIS	3	2	4	3	7	4	6
NEPHRITIS & NEPHROSIS	2	0	4	0	10	2	5
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	1	0	0	0
CONGENITAL ANOMALIES	1	2	6	1	4	1	1
DISEASES OF EARLY INFANCY	0	3	5	5	9	3	1
SYMPTOMS & ILL-DEF. COND.	2	8	5	3	14	4	2
ALL OTHER DISEASES	21	32	67	59	97	44	48
ACCIDENTAL DEATHS	12	4	21	17	26	17	26
MOTOR VEHICLE	7	3	10	7	13	8	15
OTHER ACC. DEATHS	5	1	11	10	13	9	11
SUICIDE	5	7	14	8	13	6	7
HOMICIDE & LEGAL INTERV	2	0	3	0	5	1	2
ALL OTHER EXTERNAL CAUSES	0	0	2	0	6	0	2

TABLE 27C (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	KANSAS CITY (TOT)	K.C. (JACKSON)	K.C. (CLAY)	K.C. (PLATTE)	KIRKWOOD	LEES SUMMIT	RAYTOWN	ST CHARLES
ALL CAUSES	4,495	3,958	392	145	289	355	284	418
TUBERCULOSIS	0	0	0	0	0	0	0	0
AIDS	79	74	4	1	1	3	2	0
SYPHILIS	0	0	0	0	0	0	0	0
RESIDUAL OF INFECT. DIS.	68	65	2	1	1	10	5	2
MALIGNANT NEOPLASMS	1,029	908	84	37	69	58	70	101
DIGESTIVE ORGANS	245	223	15	7	9	8	15	29
RESPIRATORY ORGANS	332	288	33	11	23	16	31	27
BREAST	85	79	4	2	5	10	3	9
GENITAL ORGANS	106	91	9	6	8	3	9	5
URINARY ORGANS	47	41	5	1	4	3	1	4
LEUKEMIA	40	34	4	2	3	2	0	3
OTHER MALIG. NEOPL.	174	152	14	8	17	16	11	24
DIABETES MELLITUS	108	93	12	3	3	6	8	8
MAJOR CARDIOVASC. DISEASE	1,752	1,549	153	50	123	159	100	183
DISEASES OF HEART	1,361	1,201	122	38	92	116	74	156
RHEUMATIC FEVER & RHEUM. HEART DISEASE	7	7	0	0	1	1	1	0
HYPERTENSIVE HEART	41	38	2	1	4	0	0	7
ISCHEMIC HEART	951	845	82	24	78	81	57	123
OTHER HEART DISEASE	362	311	38	13	9	34	16	26
HYPERTENSION	21	19	2	0	2	1	1	0
CEREBROVASCULAR DISEASE	272	247	20	5	16	33	21	17
ATHEROSCLEROSIS	38	36	0	2	6	2	1	4
OTHER MAJOR CARDIOVASC.	60	46	9	5	7	7	3	6
PNEUMONIA & INFLUENZA	127	106	15	6	20	26	7	27
CHRONIC PULMONARY DISEASE	186	157	17	12	12	17	25	15
ULCER OF STOMACH	13	13	0	0	0	1	0	0
LIVER DISEASE & CIRRHOSIS	61	53	5	3	2	1	1	6
NEPHRITIS & NEPHROSIS	47	42	3	2	3	3	2	5
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	1	0	0	1	0	0	0	0
CONGENITAL ANOMALIES	35	24	8	3	1	1	0	2
DISEASES OF EARLY INFANCY	35	31	4	0	2	2	1	4
SYMPTOMS & ILL-DEF. COND.	55	51	3	1	0	0	3	0
ALL OTHER DISEASES	538	475	46	17	31	43	45	45
ACCIDENTAL DEATHS	163	141	18	4	9	18	12	16
MOTOR VEHICLE	80	66	12	2	3	9	5	10
OTHER ACC. DEATHS	83	75	6	2	6	9	7	6
SUICIDE	56	42	13	1	11	6	3	1
HOMICIDE & LEGAL INTERV	130	125	2	3	1	1	0	3
ALL OTHER EXTERNAL CAUSES	12	9	3	0	0	0	0	0

TABLE 27C (CONT)

RESIDENT DEATHS BY SELECTED CAUSES OF DEATH
BY CITIES WITH 25,000 OR MORE POPULATION: MISSOURI 1989

	ST. JOSEPH	ST LOUIS CITY	SPRING-FIELD	UNIVERSITY CITY
ALL CAUSES	877	5,645	1,513	400
TUBERCULOSIS	0	4	2	0
AIDS	0	68	30	6
SYPHILIS	0	0	0	0
RESIDUAL OF INFECT. DIS.	9	71	9	5
MALIGNANT NEOPLASMS	195	1,217	367	96
DIGESTIVE ORGANS	42	305	83	23
RESPIRATORY ORGANS	57	360	119	24
BREAST	15	89	36	8
GENITAL ORGANS	24	153	43	18
URINARY ORGANS	9	43	14	5
LEUKEMIA	9	32	11	3
OTHER MALIG. NEOPL.	39	235	61	15
DIABETES MELLITUS	17	132	31	13
MAJOR CARDIOVASC. DISEASE	383	2,495	658	171
DISEASES OF HEART	289	2,044	497	135
RHEUMATIC FEVER & RHEUM. HEART DISEASE	6	7	6	2
HYPERTENSIVE HEART	2	117	7	4
ISCHEMIC HEART	214	1,500	353	104
OTHER HEART DISEASE	67	420	131	25
HYPERTENSION	1	29	4	1
CEREBROVASCULAR DISEASE	68	352	121	26
ATHEROSCLEROSIS	15	24	18	3
OTHER MAJOR CARDIOVASC.	10	46	18	6
PNEUMONIA & INFLUENZA	20	176	47	8
CHRONIC PULMONARY DISEASE	52	236	77	13
ULCER OF STOMACH	1	11	4	1
LIVER DISEASE & CIRRHOSIS	6	66	18	3
NEPHRITIS & NEPHROSIS	9	67	16	5
COMPLICATIONS OF PREG., CHILDBIRTH & PUERPERIUM	0	0	0	0
CONGENITAL ANOMALIES	6	28	2	1
DISEASES OF EARLY INFANCY	5	54	13	3
SYMPTOMS & ILL-DEF. COND.	14	42	9	3
ALL OTHER DISEASES	117	582	151	48
ACCIDENTAL DEATHS	26	209	39	13
MOTOR VEHICLE	14	61	24	5
OTHER ACC. DEATHS	12	148	15	8
SUICIDE	13	43	25	5
HOMICIDE & LEGAL INTERV	1	140	11	6
ALL OTHER EXTERNAL CAUSES	3	4	4	0

TABLE 28 RECORDED DEATHS BY TYPE OF ACCIDENT, AGE AND SEX: MISSOURI 1989

	ALL AGES		0-4		5-14		15-24		25-44		45-64		65-74		OVER 74	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GRAND TOTAL	1,385	725	49	41	72	25	302	111	408	146	252	71	120	76	182	255
WORK TOTAL	80	0	0	0	0	0	12	0	29	0	25	0	12	0	2	0
AGRICULTURE	24	0	0	0	0	0	0	0	6	0	8	0	8	0	2	0
MINING, QUARRYING, OIL & GAS WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSTRUCTION	19	0	0	0	0	0	4	0	8	0	6	0	1	0	0	0
MANUFACTURING	8	0	0	0	0	0	1	0	5	0	2	0	0	0	0	0
TRANSPORTATION & PUBLIC UTILITIES	7	0	0	0	0	0	2	0	3	0	2	0	0	0	0	0
TRADE	4	0	0	0	0	0	0	0	2	0	1	0	1	0	0	0
SERVICE	4	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0
GOVERNMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER & UNSPECIFIED	14	0	0	0	0	0	2	0	5	0	6	0	1	0	0	0
HOME TOTAL	331	189	25	22	26	7	29	9	75	24	50	14	39	25	87	88
POISONINGS (GAS EXCEPTED)	33	12	1	0	0	0	4	0	24	6	2	5	1	1	1	0
POISONINGS BY GASES & VAPORS	19	10	0	0	0	0	4	2	9	3	0	0	2	0	4	5
FALLS	88	82	0	2	0	0	2	0	5	1	8	2	17	16	56	61
FIRES	71	41	13	10	14	3	4	6	12	9	12	3	5	1	11	9
DROWNING	18	7	5	1	7	1	0	0	3	3	2	1	0	1	1	0
SUFFOCATION, INGESTED FOOD/OBJECT	10	6	0	1	0	0	2	1	2	0	2	0	1	2	3	2
SUFFOCATION, MECHANICAL	5	8	3	6	0	2	1	0	0	0	1	0	0	0	0	0
FIREARMS	25	4	0	2	4	0	9	0	6	0	5	2	1	0	0	0
OTHER & UNSPECIFIED	62	19	3	0	1	1	3	0	14	2	18	1	12	4	11	11
MOTOR VEHICLE TOTAL	761	369	16	14	35	18	239	97	255	113	132	45	47	33	37	49
INJURY TO PEDESTRIAN	68	39	9	8	7	5	10	1	19	10	13	3	6	3	4	9
INJURY TO PEDAL CYCLIST	7	2	0	0	4	2	2	0	1	0	0	0	0	0	0	0
INJURY TO RIDER OF ANIMAL OR OCCUPANT OF ANIMAL-DRAWN VEHICLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH RAILROAD TRAIN	14	11	0	0	0	1	2	2	5	3	5	1	1	1	1	3
COLLISION WITH OTHER MOTOR VEHICLE	288	191	2	4	15	3	81	48	95	61	58	27	19	20	18	28
COLLISION WITH FIXED OBJECT	253	84	1	2	4	4	97	33	85	26	46	9	12	6	8	4
NONCOLLISION	110	30	3	0	5	2	42	7	44	12	8	3	5	3	3	3
OTHER & UNSPECIFIED	21	12	1	0	0	1	5	6	6	1	2	2	4	0	3	2
PUBLIC NON-MOTOR VEHICLE TOTAL	209	165	8	5	11	0	21	5	48	9	44	12	21	17	56	117
RAILROAD NOT WITH MOTOR VEHICLE	10	1	1	0	1	0	2	0	5	0	1	1	0	0	0	0
OTHER ROAD VEH. NOT WITH MOTOR VEH.	3	1	0	0	0	0	0	0	1	0	2	1	0	0	0	0
WATER TRANSPORT	5	2	0	0	1	0	0	1	0	1	3	0	1	0	0	0
AIR TRANSPORT	4	1	0	0	0	0	0	0	2	0	2	0	0	0	0	1
FALLS	45	59	0	1	1	0	2	2	5	3	10	1	4	3	23	49
FIRES	4	2	0	0	0	0	2	1	1	0	1	0	0	0	0	1
DROWNING	52	6	4	1	6	0	11	1	19	2	9	1	2	0	1	1
FIREARMS	4	1	0	0	1	0	1	0	0	1	2	0	0	0	0	0
OTHER & UNSPECIFIED	82	92	3	3	1	0	3	0	15	2	14	8	14	14	32	65
ACCIDENT TYPE UNKNOWN & LATE EFFECTS	4	2	0	0	0	0	1	0	1	0	1	0	1	1	0	1

TABLE 29 ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1989

TOTAL POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$_{N}Q_{X}$	l_{X}	$_{N}D_{X}$	$_{N}L_{X}$	T_{X}	E_{X}
00 TO 01	.0099	100,000	987	99,118	7,542,308	75.4
01 TO 05	.0021	99,013	212	395,545	7,443,190	75.2
05 TO 10	.0010	98,801	103	493,727	7,047,645	71.3
10 TO 15	.0015	98,698	149	493,154	6,553,918	66.4
15 TO 20	.0052	98,549	512	491,570	6,060,764	61.5
20 TO 25	.0055	98,037	538	488,864	5,569,194	56.8
25 TO 30	.0060	97,499	581	486,063	5,080,330	52.1
30 TO 35	.0065	96,918	627	483,095	4,594,267	47.4
35 TO 40	.0081	96,291	783	479,627	4,111,172	42.7
40 TO 45	.0116	95,508	1,112	474,959	3,631,545	38.0
45 TO 50	.0166	94,396	1,565	468,352	3,156,586	33.4
50 TO 55	.0277	92,831	2,573	458,103	2,688,234	29.0
55 TO 60	.0471	90,258	4,251	441,249	2,230,131	24.7
60 TO 65	.0716	86,007	6,160	415,376	1,788,882	20.8
65 TO 70	.1029	79,847	8,213	379,481	1,373,506	17.2
70 TO 75	.1512	71,634	10,833	331,870	994,025	13.9
75 TO 80	.2219	60,801	13,494	270,843	662,155	10.9
80 TO 85	.3300	47,307	15,612	196,713	391,312	8.3
85 AND UP	1.0000	31,695	31,695	194,599	194,599	6.1

TABLE 29 (CONT.) ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1989

MALE POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$Q_{N\,X}$	l_X	$D_{N\,X}$	$L_{N\,X}$	T_X	E_X
00 TO 01	.0109	100,000	1,095	99,016	7,185,711	71.9
01 TO 05	.0023	98,905	231	395,070	7,086,695	71.7
05 TO 10	.0011	98,674	108	493,082	6,691,625	67.8
10 TO 15	.0020	98,566	197	492,398	6,198,543	62.9
15 TO 20	.0069	98,369	677	490,309	5,706,145	58.0
20 TO 25	.0086	97,692	838	486,392	5,215,836	53.4
25 TO 30	.0088	96,854	856	482,125	4,729,444	48.8
30 TO 35	.0096	95,998	923	477,776	4,247,319	44.2
35 TO 40	.0119	95,075	1,132	472,735	3,769,543	39.6
40 TO 45	.0156	93,943	1,464	466,326	3,296,808	35.1
45 TO 50	.0218	92,479	2,020	457,730	2,830,482	30.6
50 TO 55	.0343	90,459	3,107	444,994	2,372,752	26.2
55 TO 60	.0616	87,352	5,377	424,014	1,927,758	22.1
60 TO 65	.0938	81,975	7,692	391,444	1,503,744	18.3
65 TO 70	.1319	74,283	9,798	347,528	1,112,300	15.0
70 TO 75	.1977	64,485	12,748	290,908	764,772	11.9
75 TO 80	.2867	51,737	14,833	221,512	473,864	9.2
80 TO 85	.4210	36,904	15,537	144,175	252,352	6.8
85 AND UP	1.0000	21,367	21,367	108,177	108,177	5.1

TABLE 29 (CONT.) ABRIDGED LIFE TABLE FOR TOTAL POPULATION, AND BY SEX: MISSOURI 1989

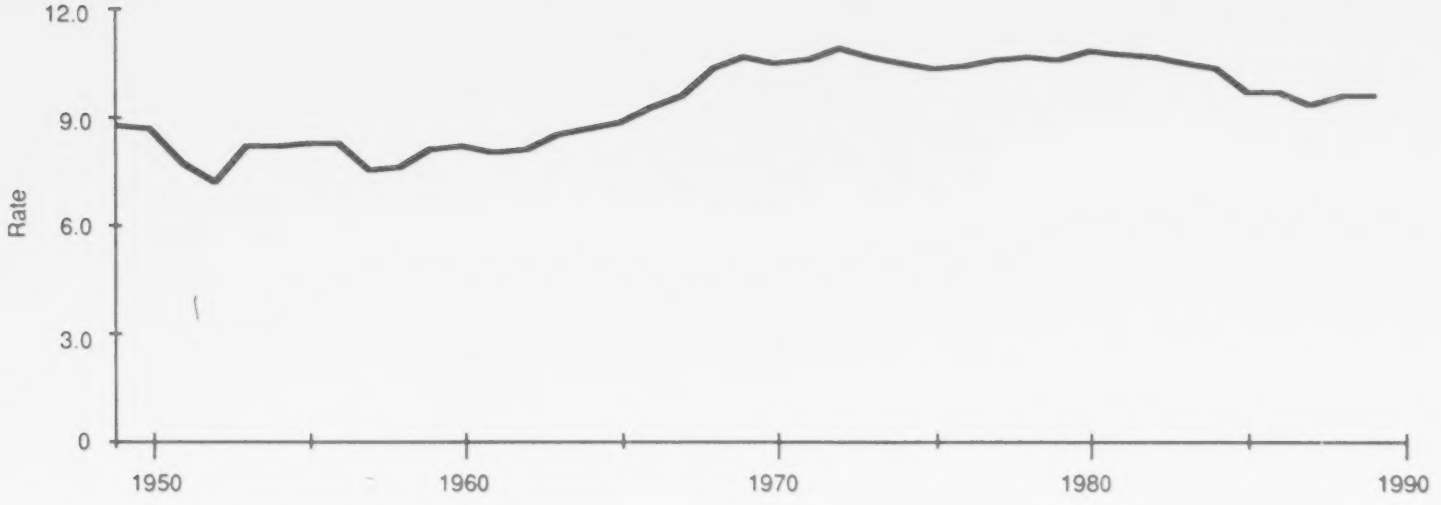
FEMALE POPULATION

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL	NUMBER LIVING AT BEGINNING OF AGE INTERVAL	NUMBER DYING DURING AGE INTERVAL	IN THE AGE INTERVAL	IN THIS AND ALL SUBSEQUENT AGE INTERVALS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL
X TO X + N	$_{N}Q_{X}$	l_{X}	$_{N}D_{X}$	$_{N}L_{X}$	T_{X}	E_{X}
00 TO 01	.0087	100,000	872	99,228	7,885,894	78.9
01 TO 05	.0019	99,128	192	396,047	7,786,666	78.6
05 TO 10	.0010	98,936	97	494,414	7,390,619	74.7
10 TO 15	.0010	98,839	98	493,963	6,896,205	69.8
15 TO 20	.0034	98,741	338	492,914	6,402,242	64.8
20 TO 25	.0025	98,403	243	491,428	5,909,328	60.1
25 TO 30	.0031	98,160	307	490,066	5,417,900	55.2
30 TO 35	.0034	97,853	330	488,486	4,927,834	50.4
35 TO 40	.0045	97,523	438	486,591	4,439,348	45.5
40 TO 45	.0079	97,085	764	483,641	3,952,757	40.7
45 TO 50	.0116	96,321	1,117	478,995	3,469,116	36.0
50 TO 55	.0215	95,204	2,043	471,195	2,990,121	31.4
55 TO 60	.0337	93,161	3,141	458,428	2,518,926	27.0
60 TO 65	.0521	90,020	4,686	439,063	2,060,498	22.9
65 TO 70	.0780	85,334	6,653	410,956	1,621,435	19.0
70 TO 75	.1151	78,681	9,056	371,903	1,210,479	15.4
75 TO 80	.1781	69,625	12,400	318,297	838,576	12.0
80 TO 85	.2783	57,225	15,923	246,163	520,279	9.1
85 AND UP	1.0000	41,302	41,302	274,116	274,116	6.6

Graph F

Marriage Rates per 1,000 Population

Missouri 1949-1989



	Marriages	*Rate*		*Marriages*	*Rate*		*Marriages*	*Rate*		*Marriages*	*Rate*
1949	34,689	8.8	1959	34,352	8.1	1969	50,411	10.9	1979	52,952	10.8
1950	34,300	8.7	1960	35,368	8.2	1970	50,224	10.7	1980	54,625	11.1
1951	30,880	7.7	1961	34,640	8.0	1971	51,048	10.8	1981	54,124	11.0
1952	28,373	7.1	1962	35,192	8.1	1972	53,372	11.2	1982	53,836	10.9
1953	33,012	8.2	1963	37,667	8.6	1973	51,990	10.9	1983	53,258	10.7
1954	33,520	8.2	1964	38,802	8.7	1974	51,434	10.7	1984	52,464	10.5
1955	34,162	8.3	1965	39,882	8.9	1975	50,147	10.5	1985	49,484	9.8
1956	34,382	8.3	1966	42,597	9.4	1976	51,070	10.6	1986	49,579	9.8
1957	31,395	7.5	1967	44,055	9.7	1977	52,100	10.8	1987	48,397	9.5
1958	31,965	7.6	1968	48,155	10.5	1978	52,878	10.9	1988	50,330	9.8
									1989	50,331	9.8

TABLE 30

REPORTED MARRIAGES BY AGE OF GROOM, BY AGE OF BRIDE; MISSOURI 1989

AGE OF GROOM	TOTAL	AGE OF BRIDE														
		15 AND UNDER	16	17	18	19	20	21	22	23	24	25	26	27	28	29
TOTAL	50,331	318	558	1,152	2,937	3,016	2,935	2,942	3,243	3,070	2,899	2,729	2,382	2,131	1,899	1,636
15 AND UNDER	14	2	3	4	1	3	0	0	1	0	0	0	0	0	0	0
16 YEARS	58	14	14	10	7	7	2	0	0	1	1	0	0	0	0	0
17 YEARS	286	28	62	65	60	39	13	4	3	5	2	0	2	2	1	0
18 YEARS	1,213	76	129	212	360	227	85	46	27	15	9	4	5	5	1	3
19 YEARS	1,832	67	114	233	527	427	207	97	52	36	16	14	7	9	5	4
20 YEARS	2,273	40	70	206	535	479	384	241	111	54	39	26	15	25	15	5
21 YEARS	2,542	28	56	121	424	456	448	379	252	110	77	42	42	22	14	13
22 YEARS	2,798	16	36	98	288	348	419	437	479	236	125	94	56	41	36	18
23 YEARS	3,035	7	21	57	175	292	376	393	510	439	251	138	91	67	47	37
24 YEARS	3,227	10	14	36	160	238	251	326	428	501	407	303	146	120	73	55
25 YEARS	3,099	6	12	33	117	140	203	268	360	360	424	358	248	132	94	63
26 YEARS	2,791	5	6	17	79	95	138	177	246	323	345	332	319	170	130	89
27 YEARS	2,523	4	5	19	54	60	102	150	192	209	265	306	273	239	153	108
28 YEARS	2,322	3	2	12	30	55	83	108	143	198	219	225	225	229	203	141
29 YEARS	2,023	2	0	7	35	37	56	75	93	122	164	182	177	179	201	175
30 YEARS	1,854	3	2	6	15	22	47	51	93	101	118	148	140	185	154	140
31 YEARS	1,605	2	1	1	23	18	30	54	57	66	99	121	124	124	127	112
32 YEARS	1,368	1	1	1	10	11	14	22	53	58	59	83	96	95	108	112
33 YEARS	1,262	0	1	1	7	12	15	28	28	46	57	75	75	87	86	88
34 YEARS	1,151	0	1	1	9	9	13	16	27	35	42	55	63	72	91	79
35-39 YEARS	4,429	2	1	9	12	27	27	44	62	105	122	151	191	215	227	251
40-44 YEARS	3,008	2	6	2	5	9	11	18	15	36	38	48	47	67	78	89
45-49 YEARS	1,979	0	0	1	2	3	6	5	10	9	13	19	28	31	29	39
50-54 YEARS	1,156	0	0	0	1	0	4	2	0	3	1	5	7	5	9	7
55-59 YEARS	780	0	0	0	0	1	1	1	0	1	3	0	4	7	14	4
60-64 YEARS	624	0	1	0	0	1	0	0	1	1	2	0	0	2	2	4
65-69 YEARS	444	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
70-74 YEARS	323	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
75 YEARS AND OVER	302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 30 (CONT)

REPORTED MARRIAGES BY AGE OF GROOM, BY AGE OF BRIDE; MISSOURI 1989

AGE OF GROOM	AGE OF BRIDE														
	30	31	32	33	34	35 TO 39	40 TO 44	45 TO 49	50 TO 54	55 TO 59	60 TO 64	65 TO 69	70 TO 74	75+	NOT STATED
TOTAL	1,449	1,394	1,313	1,062	1,008	3,940	2,539	1,531	746	468	375	303	193	153	10
15 AND UNDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 YEARS	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
17 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 YEARS	2	0	0	1	2	2	0	2	0	0	0	0	0	0	0
19 YEARS	1	6	3	2	2	2	1	0	0	0	0	0	0	0	0
20 YEARS	9	5	2	4	2	2	3	1	0	0	0	0	0	0	0
21 YEARS	5	12	14	4	7	11	3	2	0	0	0	0	0	0	0
22 YEARS	13	7	14	6	7	19	4	1	0	0	0	0	0	0	0
23 YEARS	30	24	21	9	9	33	8	0	0	0	0	0	0	0	0
24 YEARS	38	26	26	12	11	35	7	4	0	0	0	0	0	0	0
25 YEARS	69	55	39	34	23	44	13	4	0	0	0	0	0	0	0
26 YEARS	69	63	45	34	20	75	12	2	0	0	0	0	0	0	0
27 YEARS	91	64	56	34	39	83	10	5	1	0	0	0	0	0	1
28 YEARS	95	67	52	43	50	106	23	7	2	1	0	0	0	0	0
29 YEARS	105	98	57	68	36	110	32	12	0	0	0	0	0	0	0
30 YEARS	134	103	84	67	65	126	40	8	1	0	0	1	0	0	0
31 YEARS	110	106	103	65	54	156	39	11	2	0	0	0	0	0	0
32 YEARS	124	110	100	60	60	133	41	9	5	1	0	0	1	0	0
33 YEARS	105	88	88	73	56	168	63	9	3	2	1	0	0	0	0
34 YEARS	75	88	80	66	72	177	59	20	1	0	0	0	0	0	0
35-39 YEARS	233	284	306	252	246	1,105	399	119	26	10	1	2	0	0	0
40-44 YEARS	96	116	140	145	145	851	734	254	39	11	2	4	0	0	0
45-49 YEARS	28	46	49	51	62	410	593	400	110	29	5	1	0	0	0
50-54 YEARS	6	20	25	19	28	178	249	322	194	48	18	1	3	1	0
55-59 YEARS	9	3	5	9	6	74	113	183	178	105	41	14	0	4	0
60-64 YEARS	1	1	3	1	4	26	62	91	115	124	118	44	16	4	0
65-69 YEARS	0	1	1	1	1	4	17	42	49	89	102	103	19	11	0
70-74 YEARS	0	0	0	1	0	7	12	17	17	34	54	84	68	28	0
75 YEARS AND OVER	1	0	0	1	0	2	2	6	3	14	33	49	86	105	0
NOT STATED	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9

TABLE 31 REPORTED MARRIAGES BY AGE AND PREVIOUS MARITAL STATUS OF BRIDE AND GROOM: MISSOURI 1989

	BRIDE				GROOM			
AGE	TOTAL	SINGLE	WIDOWED	DIVORCED	TOTAL	SINGLE	WIDOWED	DIVORCED
TOTAL	50,331	30,176	1,730	18,137	50,331	30,400	1,609	18,113
UNDER 15 YEARS	13	13	0	0	0	0	0	0
15 YEARS	305	303	0	0	14	14	0	0
16 YEARS	558	556	0	1	58	58	0	0
17 YEARS	1,152	1,144	0	6	286	284	0	1
18 YEARS	2,937	2,887	0	38	1,213	1,206	0	4
19 YEARS	3,016	2,916	3	92	1,832	1,816	0	10
20 YEARS	2,935	2,734	3	186	2,273	2,219	2	49
21 YEARS	2,942	2,648	3	275	2,542	2,444	0	95
22 YEARS	3,243	2,804	8	423	2,798	2,632	3	160
23 YEARS	3,070	2,537	7	517	3,035	2,770	4	256
24 YEARS	2,899	2,260	17	606	3,227	2,801	2	412
25 YEARS	2,729	1,953	9	747	3,099	2,601	3	487
26 YEARS	2,382	1,561	12	790	2,791	2,211	3	570
27 YEARS	2,131	1,225	18	871	2,523	1,831	4	679
28 YEARS	1,899	982	16	894	2,322	1,540	10	762
29 YEARS	1,636	744	22	863	2,023	1,263	11	742
30 YEARS	1,449	602	26	815	1,854	1,018	6	821
31 YEARS	1,394	474	25	880	1,605	771	12	815
32 YEARS	1,313	372	21	917	1,368	589	8	768
33 YEARS	1,062	275	21	762	1,262	487	13	757
34 YEARS	1,008	218	28	751	1,151	398	13	729
35-39 YEARS	3,940	647	148	3,117	4,429	932	59	3,403
40-44 YEARS	2,539	170	174	2,169	3,008	283	82	2,624
45-49 YEARS	1,531	63	182	1,267	1,979	119	114	1,735
50-54 YEARS	746	42	156	541	1,156	39	116	996
55-59 YEARS	468	18	158	288	780	36	171	560
60-64 YEARS	375	11	197	166	624	16	248	355
65-69 YEARS	303	7	204	89	444	9	252	180
70-74 YEARS	193	4	149	37	323	5	217	98
75 YEARS AND OVER	153	3	123	24	302	6	256	39
UNKNOWN	10	3	0	5	10	2	0	6
MEDIAN AGE AT MARRIAGE	25.8	22.7	53.9	33.2	27.8	24.6	63.4	36.4

TABLE 32 REPORTED MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE AND GROOM: MISSOURI 1989

		GROOM			
BRIDE	TOTAL	SINGLE	WIDOWED	DIVORCED	UNKNOWN
TOTAL	50,331	30,400	1,609	18,113	209
SINGLE	30,176	24,572	158	5,366	80
WIDOWED	1,730	214	742	764	10
DIVORCED	18,137	5,495	704	11,894	44
UNKNOWN	288	119	5	89	75

TABLE 33 REPORTED MARRIAGES BY RACE OF BRIDE BY RACE OF GROOM: MISSOURI 1989

		RACE OF GROOM			
RACE OF BRIDE	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	50,331	44,369	4,630	322	1,010
WHITE	44,555	43,845	471	169	70
BLACK	4,314	164	4,135	8	7
OTHER	377	216	16	145	0
UNKNOWN	1,085	144	8	0	933

TABLE 34 REPORTED MARRIAGES BY MONTH: MISSOURI 1989

TOTAL	50,331				
JANUARY	2,255	MAY	5,077	SEPTEMBER	5,352
FEBRUARY	2,778	JUNE	6,155	OCTOBER	4,270
MARCH	3,013	JULY	5,026	NOVEMBER	3,592
APRIL	4,223	AUGUST	4,658	DECEMBER	3,932

TABLE 35A REPORTED MARRIAGES BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1989

COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	MARRIAGES RATE	COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	MARRIAGES RATE
STATE TOTAL	5,159,000	50,331	9.8	GRUNDY	10,700	95	8.9
ADAIR	23,200	254	10.9	HARRISON	8,900	103	11.6
ANDREW	15,200	91	6.0	HENRY	20,100	199	9.9
ATCHISON	7,700	91	11.8	HICKORY	7,400	56	7.6
AUDRAIN	24,700	237	9.6	HOLT	6,200	50	8.1
BARRY	28,000	235	8.4	HOWARD	9,700	56	5.8
BARTON	11,500	91	7.9	HOWELL	30,700	350	11.4
BATES	16,100	125	7.8	IRON	11,000	115	10.5
BENTON	13,400	93	6.9	JACKSON	638,600	6,929	10.9
BOLLINGER	11,100	91	8.2	JASPER	90,900	965	10.6
BOONE	110,400	1,085	9.8	JEFFERSON	174,900	1,321	7.6
BUCHANAN	84,300	880	10.4	JOHNSON	39,100	430	11.0
BUTLER	38,200	468	12.3	KNOX	4,700	31	6.6
CALDWELL	8,300	53	6.4	LACLEDE	27,800	337	12.1
CALLAWAY	32,800	237	7.2	LAFAYETTE	31,200	231	7.4
CAMDEN	27,400	309	11.3	LAWRENCE	31,000	292	9.4
CAPE GIRARDEAU	62,600	778	12.4	LEWIS	9,900	82	8.3
CARROLL	11,000	94	8.5	LINCOLN	28,700	262	9.1
CARTER	5,800	45	7.8	LINN	14,200	90	6.3
CASS	61,900	597	9.6	LIVINGSTON	15,300	143	9.3
CEDAR	12,400	74	6.0	MC DONALD	16,800	157	9.3
CHARITON	9,700	52	5.4	MACON	16,100	140	8.7
CHRISTIAN	31,200	263	8.4	MADISON	11,600	125	10.8
CLARK	7,800	123	15.8	MARIES	8,200	64	7.8
CLAY	149,600	1,405	9.4	MARION	28,200	569	20.2
CLINTON	16,900	104	6.2	MERCER	3,900	47	12.1
COLE	65,200	798	12.2	MILLER	21,500	182	8.5
COOPER	15,400	115	7.5	MISSISSIPPI	15,000	181	12.1
CRAWFORD	20,000	175	8.8	MONITEAU	12,900	89	6.9
DADE	7,600	31	4.1	MONROE	9,400	45	4.8
DALLAS	13,500	106	7.9	MONTGOMERY	11,600	82	7.1
DAVIESS	8,400	54	6.4	MORGAN	16,200	162	10.0
DE KALB	8,100	70	8.6	NEW MADRID	20,900	209	10.0
DENT	14,400	144	10.0	NEWTON	44,800	387	8.6
DOUGLAS	12,500	117	9.4	NODAWAY	20,700	178	8.6
DUNKLIN	34,000	329	9.7	OREGON	9,800	85	8.7
FRANKLIN	82,100	863	10.5	OSAGE	12,200	49	4.0
GASCONADE	13,700	128	9.3	OZARK	9,000	72	8.0
GENTRY	7,100	53	7.5	PEMISCOT	23,000	251	10.9
GREENE	203,700	2,291	11.2	PERRY	17,100	205	12.0

TABLE 35A (CONT) REPORTED MARRIAGES BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1989

COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	MARRIAGES RATE	COUNTIES	POPULATION (ALL AGES)	MARRIAGES NUMBER	MARRIAGES RATE
PETTIS	36,300	405	11.2	SALINE	24,200	202	8.3
PHELPS	34,600	362	10.5	SCHUYLER	4,200	52	12.4
PIKE	16,700	235	14.1	SCOTLAND	4,900	66	13.5
PLATTE	56,800	511	9.0	SCOTT	40,400	469	11.6
POLK	21,300	201	9.4	SHANNON	8,000	71	8.9
PULASKI	43,200	525	12.2	SHELBY	7,200	53	7.4
PUTNAM	5,300	64	12.1	STODDARD	28,500	335	11.8
RALLS	8,700	109	12.5	STONE	19,300	150	7.8
RANDOLPH	25,600	255	10.0	SULLIVAN	6,600	43	6.5
RAY	22,400	162	7.2	TANEY	25,700	335	13.0
REYNOLDS	6,500	67	10.3	TEXAS	21,500	224	10.4
RIPLEY	13,000	110	8.5	VERNON	19,700	167	8.5
ST. CHARLES	209,900	1,821	8.7	WARREN	20,000	163	8.2
ST. CLAIR	8,300	66	8.0	WASHINGTON	19,400	166	8.6
ST. FRANCOIS	47,700	563	11.8	WAYNE	12,300	133	10.8
STE. GENEVIEVE	16,400	124	7.6	WEBSTER	23,600	179	7.6
ST. LOUIS CITY	405,200	5,365	13.2	WORTH	2,600	15	5.8
ST. LOUIS COUNTY	1,009,400	7,862	7.8	WRIGHT	16,800	136	8.1

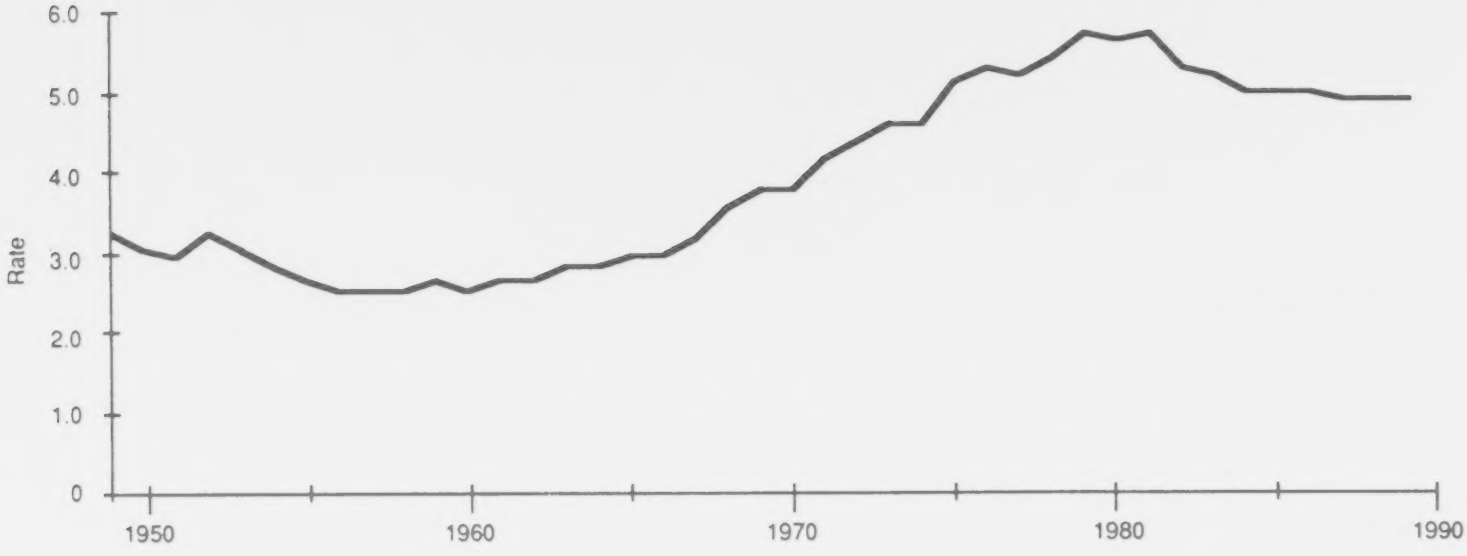
TABLE 35B REPORTED MARRIAGES WITH RATES BY REGIONAL PLANNING COMMISSION OF RECORDING: MISSOURI 1989

RPC'S	POPULATION	MARRIAGES	RATE	RPC'S	POPULATION	MARRIAGES	RATE
MAJOR METRO REGIONS				BOONSLICK	60,300	507	8.4
EAST-WEST GATEWAY	1,881,500	17,232	9.2	KAYSINGER BASIN	97,400	780	8.0
MID-AMERICA	929,300	9,604	10.3	SHOW-ME	106,600	1,066	10.0
MINOR METRO REGIONS				SOUTH CENTRAL OZARK	108,300	1,055	9.7
SOUTHWEST MISSOURI	404,900	4,083	10.1	MERAMEC	110,300	1,039	9.4
MID-MISSOURI	283,300	2,666	9.4	LAKE OF THE OZARKS	136,100	1,515	11.1
MO-KAN	124,500	1,145	9.2				
OZARK GATEWAY	164,000	1,600	9.8	SOUTHEAST MISSOURI	177,500	2,001	11.3
				BOOTHEEL	161,800	1,774	11.0
NONMETRO REGIONS				OZARK FOOTHILLS	75,800	823	10.9
NORTHWEST MISSOURI	44,300	387	8.7				
GREEN HILLS	81,600	692	8.5	MAJOR METRO TOTAL	2,810,800	26,836	9.5
MISSOURI VALLEY	44,900	348	7.8	MINOR METRO TOTAL	976,700	9,494	9.7
				NONMETRO TOTAL	1,371,500	14,001	10.2
NORTHEAST MISSOURI	44,800	526	11.7				
MARK TWAIN	121,800	1,488	12.2	STATE TOTAL	5,159,000	50,331	9.8

Graph G

Dissolution Rates per 1,000 Population

Missouri 1949-1989



	Dissolutions	*Rate*		*Dissolutions*	*Rate*		*Dissolutions*	*Rate*		*Dissolutions*	*Rate*
1949	12,912	3.3	1959	11,695	2.7	1969	17,578	3.8	1979	27,719	5.7
1950	12,177	3.1	1960	11,320	2.6	1970	17,852	3.8	1980	27,595	5.6
1951	12,131	3.0	1961	11,574	2.7	1971	19,643	4.2	1981	27,975	5.7
1952	12,943	3.3	1962	11,882	2.7	1972	20,699	4.4	1982	26,292	5.3
1953	12,342	3.1	1963	12,652	2.9	1973	21,777	4.6	1983	25,904	5.2
1954	11,705	2.9	1964	12,785	2.9	1974	22,050	4.6	1984	24,860	5.0
1955	11,351	2.7	1965	13,261	3.0	1975	24,527	5.1	1985	24,990	5.0
1956	10,993	2.6	1966	13,758	3.0	1976	25,414	5.3	1986	25,466	5.0
1957	10,861	2.6	1967	14,520	3.2	1977	25,281	5.2	1987	24,984	4.9
1958	10,747	2.6	1968	16,473	3.6	1978	26,308	5.4	1988	24,948	4.9
									1989	25,140	4.9

TABLE 36 REPORTED DISSOLUTIONS OF MARRIAGE BY MONTH BY TYPE OF DECREE: MISSOURI 1989

	TYPE OF DECREE			
	TOTAL	DISSOLUTION	ANNULMENT	LEGAL SEPARATION
TOTAL	25,256	25,073	66	116
JANUARY	2,052	2,038	6	8
FEBRUARY	1,856	1,845	5	6
MARCH	2,376	2,363	5	8
APRIL	2,043	2,024	10	9
MAY	2,199	2,185	3	11
JUNE	2,358	2,333	6	19
JULY	2,098	2,078	7	13
AUGUST	1,963	1,945	8	10
SEPTEMBER	2,142	2,129	4	9
OCTOBER	2,149	2,142	3	4
NOVEMBER	1,962	1,947	6	9
DECEMBER	2,058	2,044	3	10

TABLE 37 REPORTED DISSOLUTIONS AND ANNULMENTS BY NUMBER OF PREVIOUS MARRIAGES, HUSBAND BY WIFE: MISSOURI 1989

	WIFE							
HUSBAND	TOTAL	NONE	ONE	TWO	THREE	FOUR	FIVE OR MORE	UNKNOWN
TOTAL	25,140	15,686	5,932	1,836	580	186	112	808
NONE	15,549	13,098	1,941	354	87	24	11	34
ONE	6,034	2,028	2,849	808	206	75	29	39
TWO	1,920	406	797	469	168	41	24	15
THREE	530	82	208	123	80	24	9	4
FOUR	168	22	64	35	24	14	7	2
FIVE OR MORE	115	2	36	30	8	6	32	1
UNKNOWN	824	48	37	17	7	2	0	713

TABLE 38 REPORTED DISSOLUTIONS AND ANNULMENTS BY DURATION OF MARRIAGE: MISSOURI 1989

DURATION	DISSOLUTIONS	DURATION	DISSOLUTIONS	DURATION	DISSOLUTIONS
TOTAL	25,140	8 YEARS	1,218	17 YEARS	411
UNDER 1 YEAR	1,223	9 YEARS	957	18 YEARS	402
1 YEAR	2,103	10 YEARS	916	19 YEARS	359
2 YEARS	2,276	11 YEARS	809	20-24 YEARS	1,322
3 YEARS	2,214	12 YEARS	622	25-29 YEARS	729
4 YEARS	2,008	13 YEARS	556	30-34 YEARS	339
5 YEARS	1,742	14 YEARS	529	35-39 YEARS	159
6 YEARS	1,554	15 YEARS	458	40 YEARS AND OVER	161
7 YEARS	1,409	16 YEARS	455	UNKNOWN	209

TABLE 39 REPORTED DISSOLUTIONS AND ANNULMENTS BY NUMBER OF CHILDREN AFFECTED: MISSOURI 1989

CHILDREN	DISSOLUTIONS	CHILDREN	DISSOLUTIONS	CHILDREN	DISSOLUTIONS
TOTAL	25,140	TWO CHILDREN	4,982	FIVE CHILDREN	50
NO CHILDREN	11,809	THREE CHILDREN	1,549	SIX CHILDREN	17
ONE CHILD	6,350	FOUR CHILDREN	318	SEVEN OR MORE	4

TABLE 40 REPORTED DISSOLUTIONS AND ANNULMENTS BY PETITIONER BY DISPOSITION OF CHILDREN AND BY WHETHER CHILD SUPPORT AWARDED: MISSOURI 1989

CUSTODY GIVEN TO

PETITIONER	TOTAL	HUSBAND	WIFE	JOINT	OTHER	NO CHILDREN	UNKNOWN
TOTAL	25,140	1,341	9,755	1,841	161	11,988	320
HUSBAND	8,646	895	2,274	729	77	4,665	105
WIFE	15,587	402	7,256	1,002	70	6,812	194
JOINT	417	21	117	86	1	199	3
OTHER	21	1	2	0	5	13	1
UNKNOWN	469	22	106	24	8	299	17

CHILD SUPPORT AWARDED TO:

PETITIONER	TOTAL	HUSBAND	WIFE	NO SUPPORT	OTHER	NO CHILDREN	UNKNOWN
TOTAL	25,140	423	9,957	2,098	10	11,988	664
HUSBAND	8,646	241	2,456	1,053	8	4,665	223
WIFE	15,587	168	7,233	971	1	6,812	402
JOINT	417	3	166	44	1	199	4
OTHER	21	0	1	6	0	13	1
UNKNOWN	469	11	101	24	0	299	34

TABLE 41 REPORTED DISSOLUTIONS AND ANNULMENTS BY AGE OF WIFE BY AGE OF HUSBAND:MISSOURI 1989

AGE OF WIFE	AGE OF HUSBAND										
	TOTAL	UNDER 20	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 AND OVER	UNKNOWN
TOTAL	25,140	111	2,418	4,943	4,894	4,025	3,096	3,313	1,154	532	654
UNDER 20	517	73	343	64	16	8	0	2	1	0	10
20-24	3,784	30	1,656	1,572	291	93	39	16	5	1	81
25-29	5,398	4	291	2,534	1,773	500	145	65	6	1	79
30-34	4,816	0	52	491	2,109	1,403	448	191	35	1	86
35-39	3,708	0	20	126	421	1,541	1,000	454	73	8	65
40-44	2,716	0	3	38	121	297	1,120	952	127	14	44
45-54	2,310	0	1	12	32	79	238	1,409	431	60	48
55-64	688	1	0	1	0	6	16	109	380	162	13
65 AND OVER	336	1	0	1	1	4	0	16	50	253	10
UNKNOWN	867	2	52	104	130	94	90	99	46	32	218

TABLE 42 REPORTED DISSOLUTIONS AND ANNULMENTS BY RACE, WIFE BY HUSBAND: MISSOURI 1989

WIFE	HUSBAND				
	TOTAL	WHITE	BLACK	OTHER	UNKNOWN
TOTAL	25,140	22,051	1,962	115	1,012
WHITE	22,100	21,857	133	59	51
BLACK	1,842	28	1,806	2	4
OTHER	160	95	11	54	0
UNKNOWN	1,038	71	10	0	957

TABLE 43A REPORTED DISSOLUTIONS AND ANNULMENTS BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1989

COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	DISSOLUTIONS RATE	COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	DISSOLUTIONS RATE
STATE TOTAL	5,159,000	25,140	4.9	GRUNDY	10,700	61	5.7
ADAIR	23,200	92	4.0	HARRISON	8,900	40	4.5
ANDREW	15,200	85	5.6	HENRY	20,100	106	5.3
ATCHISON	7,700	29	3.8	HICKORY	7,400	41	5.5
AUDRAIN	24,700	103	4.2	HOLT	6,200	11	1.8
BARRY	28,000	28	1.0	HOWARD	9,700	40	4.1
BARTON	11,500	65	5.7	HOWELL	30,700	189	6.2
BATES	16,100	64	4.0	IRON	11,000	60	5.5
BENTON	13,400	40	3.0	JACKSON	638,600	3,378	5.3
BOLLINGER	11,100	40	3.6	JASPER	90,900	512	5.6
BOONE	110,400	501	4.5	JEFFERSON	174,900	750	4.3
BUCHANAN	84,300	534	6.3	JOHNSON	39,100	243	6.2
BUTLER	38,200	314	8.2	KNOX	4,700	22	4.7
CALDWELL	8,300	38	4.6	LACLEDE	27,800	187	6.7
CALLAWAY	32,800	167	5.1	LAFAYETTE	31,200	102	3.3
CAMDEN	27,400	171	6.2	LAWRENCE	31,000	90	2.9
CAPE GIRARDEAU	62,600	339	5.4	LEWIS	9,900	46	4.6
CARROLL	11,000	51	4.6	LINCOLN	28,700	142	4.9
CARTER	5,800	27	4.7	LINN	14,200	45	3.2
CASS	61,900	314	5.1	LIVINGSTON	15,300	94	6.1
CEDAR	12,400	65	5.2	MC DONALD	16,800	33	2.0
CHARITON	9,700	22	2.3	MACON	16,100	61	3.8
CHRISTIAN	31,200	199	6.4	MADISON	11,600	75	6.5
CLARK	7,800	36	4.6	MARIES	8,200	37	4.5
CLAY	149,600	742	5.0	MARION	28,200	162	5.7
CLINTON	16,900	89	5.3	MERCER	3,900	14	3.6
COLE	65,200	294	4.5	MILLER	21,500	98	4.6
COOPER	15,400	48	3.1	MISSISSIPPI	15,000	108	7.2
CRAWFORD	20,000	122	6.1	MONITEAU	12,900	50	3.9
DADE	7,600	26	3.4	MONROE	9,400	37	3.9
DALLAS	13,500	63	4.7	MONTGOMERY	11,600	63	5.4
DAVIESS	8,400	34	4.0	MORGAN	16,200	69	4.3
DE KALB	8,100	28	3.5	NEW MADRID	20,900	126	6.0
DENT	14,400	70	4.9	NEWTON	44,800	164	3.7
DOUGLAS	12,500	42	3.4	NODAWAY	20,700	78	3.8
DUNKLIN	34,000	257	7.6	OREGON	9,800	25	2.6
FRANKLIN	82,100	393	4.8	OSAGE	12,200	33	2.7
GASCONADE	13,700	68	5.0	OZARK	9,000	41	4.6
GENTRY	7,100	21	3.0	PEMISCOT	23,000	148	6.4
GREENE	203,700	1,266	6.2	PERRY	17,100	69	4.0

TABLE 43A (CONT) REPORTED DISSOLUTIONS AND ANNULMENTS BY COUNTY OF RECORDING WITH RATES PER 1,000 POPULATION: MISSOURI 1989

COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	DISSOLUTIONS RATE	COUNTIES	POPULATION (ALL AGES)	DISSOLUTIONS NUMBER	DISSOLUTIONS RATE
PETTIS	36,300	232	6.4	SALINE	24,200	121	5.0
PHELPS	34,600	157	4.5	SCHUYLER	4,200	9	2.1
PIKE	16,700	65	3.9	SCOTLAND	4,900	12	2.4
PLATTE	56,800	347	6.1	SCOTT	40,400	273	6.8
POLK	21,300	86	4.0	SHANNON	8,000	42	5.3
PULASKI	43,200	227	5.3	SHELBY	7,200	33	4.6
PUTNAM	5,300	24	4.5	STODDARD	28,500	231	8.1
RALLS	8,700	43	4.9	STONE	19,300	82	4.2
RANDOLPH	25,600	133	5.2	SULLIVAN	6,600	36	5.5
RAY	22,400	130	5.8	TANEY	25,700	154	6.0
REYNOLDS	6,500	31	4.8	TEXAS	21,500	72	3.3
RIPLEY	13,000	95	7.3	VERNON	19,700	114	5.8
ST. CHARLES	209,900	1,108	5.3	WARREN	20,000	88	4.4
ST. CLAIR	8,300	48	5.8	WASHINGTON	19,400	98	5.1
ST. FRANCOIS	47,700	270	5.7	WAYNE	12,300	62	5.0
STE. GENEVIEVE	16,400	60	3.7	WEBSTER	23,600	120	5.1
ST. LOUIS CITY	405,200	1,632	4.0	WORTH	2,600	7	2.7
ST. LOUIS COUNTY	1,009,400	4,260	4.2	WRIGHT	16,800	101	6.0

TABLE 43B REPORTED DISSOLUTIONS AND ANNULMENTS WITH RATES BY REGIONAL PLANNING COMMISSION OF RECORDING: MISSOURI 1989

RPC'S	POPULATION	DISSOLUTIONS	RATE
MAJOR METRO REGIONS			
EAST-WEST GATEWAY	1,881,500	8,143	4.3
MID-AMERICA	929,300	4,911	5.3
MINOR METRO REGIONS			
SOUTHWEST MISSOURI	404,900	2,114	5.2
MID-MISSOURI	283,300	1,236	4.4
MO-KAN	124,500	736	5.9
OZARK GATEWAY	164,000	774	4.7
NONMETRO REGIONS			
NORTHWEST MISSOURI	44,300	146	3.3
GREEN HILLS	81,600	386	4.7
MISSOURI VALLEY	44,900	194	4.3
NORTHEAST MISSOURI	44,800	171	3.8
MARK TWAIN	121,800	580	4.8
BOONSLICK	60,300	293	4.9
KAYSINGER BASIN	97,400	478	4.9
SHOW-ME	106,600	577	5.4
SOUTH CENTRAL OZARK	108,300	512	4.7
MERAMEC	110,300	552	5.0
LAKE OF THE OZARKS	136,100	752	5.5
SOUTHEAST MISSOURI	177,500	913	5.1
BOOTHEEL	161,800	1,143	7.1
OZARK FOOTHILLS	75,800	529	7.0
MAJOR METRO TOTAL	2,810,800	13,054	4.6
MINOR METRO TOTAL	976,700	4,860	5.0
NONMETRO TOTAL	1,371,500	7,226	5.3
STATE TOTAL	5,159,000	25,140	4.9

APPENDIX

RELIABILITY OF THE DATA

In analyzing any data, the fact of potential error in the data must not be overlooked. There are several types of errors possible including: underregistration, errors made by the informant, and errors in compiling and processing.

Probably, the most potentially dangerous error is that of improper interpretation. Statistics are neither more true nor false than the interpretation given to them. Particular caution must be made in analyzing trend data, for there have been changes over the years in medical diagnosis, coding definitions, and registration coverage. Most of the rates computed in this report are crude rates. In comparing geographic areas, crude rates are limited because they do not take into account the differences in age, sex, race, and other population characteristics. Care should also be taken in using rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Rates based on less than 20 events are very unstable.

VITAL RECORDS

Vital Statistics in Missouri are compiled from six basic records which are filed with the Department of Health by State Law. These records are: (1) live birth records, (2) death records, and (3) fetal death records each beginning with 1911; (4) marriage, and (5) divorce records, beginning with 1949; and (6) abortion records beginning in 1975.

Missouri cooperates with other states in the exchange of records for live births, fetal deaths, and deaths to include resident data events occurring to Missouri residents in other states. Missouri also has an arrangement with Kansas and Tennessee for the exchange of abortion data. Before 1984, Missouri received abortion records from Illinois, but Missouri no longer receives these records.

The data within this report represents the 1989 calendar year of events. Records have been accepted through April 13 of 1990 before cut-off, allowing 1989 events to be as complete as possible. In addition, 368 Illinois live births to Missouri residents that were received by August, 1990 were included primarily to improve completeness to Northeast Missouri residents.

SOURCES

Except where noted, historical vital statistics data are taken from annual vital statistics reports of the Missouri Department of Health.

POPULATION

County population estimates used in this report are provisional estimates of population, July 1, 1989 developed by the Division of Budget and Planning, Office of Administration. The source of the 1911-1969 state total estimates is the Bureau of the Census' P-25 series. 1971-1979 state estimates were obtained from the Bureau of the Census publication "Preliminary Intercensal Estimates of the Population of Counties." Age-sex specific population estimates were developed by the U.S. Bureau of the Census (also in the P-25 series). City population estimates for July 1, 1989 are derived from July 1, 1988 population estimates prepared by the Bureau of the Census in P-26, No. 88-WNC-SC.

RACE

The term "race" refers to the division of population into three groups, white, black, and other. Most tables in this report simply use two divisions, white and black because of the small numbers of persons from other races in Missouri. The race group designated as "other" consists of such races as American Indian, Japanese, Chinese, Filipino, Korean, Asian Indian and Malayan races.

Persons of Mexican birth or ancestry who are not definitely of Indian or other designated race are classified as white. Hispanic origin births are shown by race in Table 5A.

Beginning with the 1989 report, birth, fetal and infant death data is presented by race of mother. Before 1989, this data was presented by race of child. This change has been implemented to be consistent with the National Center for Health Statistics (NCHS), which is also implementing this change in 1989. Race of child had been computed by an algorithm based on race of mother and race of father. Persons of mixed parentage were classified according to the race of the nonwhite parent. Because of this rather arbitrary formula and the increasing proportion of out-of-wedlock births in which father's race is missing, it was decided by NCHS to implement this change to race of mother.

Appendix Table A below shows how this change affects infant death rates by race. Three sets of rates and ratios are presented. The first set shows the current method by race of mother and the second set shows the old method by race of child. Both of these use the 1989 death cohort, in which infant deaths occurring in 1989 are divided by births occurring in 1989. In fact, some of these births to 1989 infant deaths occurred in 1988. The third method using the birth cohort takes the births occurring in a given year (e.g., 1989) and matches any deaths that occur to them in the first year of life, even if they occurred in the following year, 1990. This is the preferred method, but takes longer to collect.

The infant death rates for blacks are consistently higher using race of mother than using race of child. The resulting black/white ratios are also consistently higher using race of mother. While the numerator (the number of black infant deaths) stays the same in both calculations, the denominator (the number of black live births) is lower by race of mother than by race of child. Comparing death cohort to birth cohort infant death rates and ratios by race of mother, differences are shown in both directions, ranging from 0.1 to 1.1 per 1000 live births.

In examining trends in infant death rates by race over time, it is important to use the same method throughout the time period compared. Therefore, it is not appropriate to compare black infant death rates by race of mother in 1989 to black infant death rates by race of child in 1988. The caveats relating to infant death rates by race over time also apply to other birth indicators such as low birth weight rates, out-of-wedlock teen birth rates, etc.

Appendix Table A
Resident Infant Death Rates per 1000 Live Births by Race of Child, Race of Mother, Death Cohort vs. Birth Cohort: Missouri 1980-1989

	DEATH COHORT						*BIRTH COHORT*		
	(1989 Annual Method) Race of Mother			*(Pre-1989 Annual Method) Race of Child*			*(Matched Birth/Deaths) Race of Mother*		
	White	*Black*	*Black/White Ratio*	*White*	*Black*	*Black/White Ratio*	*White*	*Black*	*Black/White Ratio*
1980	10.9	21.3	1.95	11.0	20.6	1.87	10.7	21.1	1.97
1981	11.5	19.5	1.70	11.6	18.9	1.63	11.3	20.2	1.79
1982	10.0	21.3	2.13	10.1	20.6	2.04	10.0	20.5	2.05
1983	9.1	19.7	2.16	9.2	19.1	2.08	8.8	20.2	2.30
1984	8.9	18.7	2.10	9.0	18.0	2.00	8.7	18.6	2.14
1985	9.0	17.2	1.91	9.0	16.7	1.86	8.9	17.7	1.99
1986	9.1	19.1	2.10	9.2	18.5	2.01	9.2	18.5	2.01
1987	8.8	18.2	2.07	8.9	17.5	1.97	8.7	18.2	2.09
1988	8.9	16.8	1.89	9.0	16.1	1.79	8.8	16.2	1.84
1989	8.5	17.3	2.04	8.6	16.6	1.93	8.1	16.2	2.00

TERMS "RESIDENT" AND "RECORDED"

It is important to understand the significance of the terms "Resident" and "Recorded" when analyzing vital statistics.

"Resident" data are compiled for vital events that relate to persons residing in an area independent of where the events occurred. (A person is considered to be a resident of an area if he has resided there six months or more. An exception to this involves people dying in hospitals, nursing homes, or other institutions. In such cases, the usual place of residence before admission is reported. In the case of live births, fetal deaths, and infant deaths, the residence of the mother is considered to be the residence of the child.)

"Recorded" data are based on the number of vital events that occur in an area. These data are used to analyze events that might be affected by the place in which they occur.

Resident and recorded figures can neither be added nor subtracted from the other. Thus the number of events occurring or not occurring in the same geographic area where the people reside cannot be calculated from resident and recorded data.

UNKNOWNS

Records classified as Missouri residents with unknown county of residence are included in the state totals of this publication. In annual vital statistics reports before 1979, these records were excluded from totals. The number of 1989 records with unknown county of residence by system is as follows:

Live Births.....	2
Fetal Deaths.....	1
Deaths.....	0
Abortions.....	35

The following imputations of unknowns were made in this report:

Unknown sex is considered male.
Unknown marital status is considered married.
Unknown live birth order is considered 1st.

RATES

Rates are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant. Live birth, death, natural increase, marriage, and dissolution rates are expressed in terms of 1,000 estimated midyear population. Infant, perinatal, fetal, neonatal, and post-neonatal death rates are stated per 1,000 live births.

Rates per 100 live births or percentages are used in Tables 7-10C for such rates as out-of-wedlock or low birth weight. In Table 10, unknowns are excluded in the calculation of percents when the percents are greater than 2 percent. These include: (1) crown heel less than 47 cm; (2) mother greater than 15 percent underweight; (3) mother greater than 20 percent overweight; (4) mother gained more than 20 pounds during pregnancy; (5) inadequate prenatal care; (6) mother Medicaid participant; (7) mother WIC participant; (8) mother Medicaid and WIC; and (9) mother Food Stamp recipient. For less than 18 months since last birth, the denominator excludes first births.

Total Fertility Rate (Graph B) refers to the average number of births a woman would have if a given set of age-specific birth rates applied throughout her reproductive years.

General Fertility Rate (Table 3) refers to the total number of live births per 1,000 women aged 15-44 for a given year.

Age-Specific Fertility Rate (Table 3) is the number of live births born to mothers of a given age per 1,000 females of that age group for a given year.

The **Abortion Ratio** is a ratio of abortions per 1,000 live births for a given year.

Crude Death Rate is defined as the total number of deaths of area residents for the year divided by the midyear population of the area multiplied by some constant. The constants used in this report are 100,000 for cause specific rates and deaths for all causes in Tables 19 and 27A and 1,000 for death rates in all other tables and graphs.

$$\text{Crude Death Rate} = \frac{\text{number of deaths during year}}{\text{midyear population}} \times 1{,}000 \text{ or } 100{,}000$$

Age Specific Death Rate (Tables 4 and 21) is calculated in the same manner as the crude death rate except that both the number of deaths and the midyear population are restricted to a given age group.

$$\text{Age-Specific Death Rate} = \text{For given age group: } \frac{\text{number of deaths during year}}{\text{midyear population}} \times 1{,}000$$

The **Age-Adjusted Death Rate** (Age-Adj Rate) is a weighted average of age-specific death rates. Comparison of areas or time periods using crude death rates can often be misleading, since these rates are affected by the age composition of the population. For example, a county may display a high crude death rate simply because it has an older population.

To control for these differences in age compositions, age-specific rates can be weighted according to a standard population. Such a calculation produces an age-adjusted rate. The age-adjusted rates shown in this report are calculated by the direct method with the following formula:

$$\text{Age-Adjusted Death Rate} = \sum M_a \times \frac{Pa}{P}$$

where Ma = age-specific rate for given age group
Pa = standard population in given age group
P = total standard population

This report uses five-year age groupings with 1970 Missouri population as the standard. Each figure thus represents the rate that would have existed if the age-specific rates in question prevailed in a population whose age distribution is like that of Missouri in 1970. This serves to control for differences in age compositions and makes comparisons between areas or time periods more legitimate. It is important, however, not to compare age-adjusted death rates with other rates adjusted to different standard populations.

The **Abridged Life Tables** in this report (Table 29) are generated from a computer software package originally developed by the National Center for Health Statistics, and modified by the Missouri Center for Health Statistics. It uses the technique of "reference to a standard table." These tables are technically defined as "current life tables" since they are cross-sectional in nature. In other words, these tables do not represent the life expectancy of an actual cohort of all Missourians born in a particular year and followed throughout their lifetime. Rather, the current life table considers a hypothetical cohort and assumes it is subject to the age-specific mortality rates existing for a given year. This means that the current life tables contained herein assume hypothetical cohorts subject throughout their lifetimes to the age-specific mortality rates prevailing for the year of this report.

The term "abridged" indicates that the age interval used in the tables are five-year age groupings rather than single years of age.

CAUSE OF DEATH CLASSIFICATION

Cause of death data are displayed by the underlying cause. The underlying cause of death is defined as the disease or injury which initiated the train of morbid events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

The causes of death presented here are classified in accordance with the Ninth Revision of the International Classification of Diseases (ICD-9), 1975; World Health Organization. This revision has been used to classify deaths occurring on or after January 1, 1979. Comparisons with data from earlier years must be done with caution, since these were classified under different coding schemes. Consequently, certain diseases may show changes in their trends as a result of changes in definitions. For a general measure of the extent of these changes between the eighth and ninth revisions, consult "Estimates of Selected Comparability Ratios Based on a Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," *Monthly Vital Statistics Report*, National Center for Health Statistics, Volume 28, Number 11, Supplement (February 29, 1980).

The specific causes of death in this report are shown in groupings of 34 causes. In those tables presenting leading causes of death, the rankings are based on a further consolidation of these 34 causes. These causes are listed below with their ICD-9 codes. Those used for ranking purposes are noted with an asterisk.

Causes of Death	ICD-9 Codes
*Tuberculosis	010-018
*AIDS	042-044
*Syphilis	090-097
Residual of Infectious & Parasitic Diseases	001-009, 020-088, 098-139
*Malignant Neoplasms	140-208
Digestive Organs	150-159
Respiratory Organs	160-165
Breast	174-175
Genital Organs	179-187
Urinary Organs	188-189
Leukemia	204-208
Other Malignant Neoplasms	140-149, 170-173, 190-203
*Diabetes Mellitus	250
Major Cardiovascular Disease	390-448
*Diseases of the Heart	390-398, 402, 404-429
Rheumatic Fever & Rheumatic Heart Disease	390-398
Hypertensive Heart	402, 404
Ischemic Heart	410-414
Other Heart Disease	415-429
*Hypertension	401, 403
*Cerebrovascular Disease	430-438
*Atherosclerosis	440
Other Major Cardiovascular	441-448
*Pneumonia & Influenza	480-487
*Chronic Pulmonary Disease	490-496
*Ulcer of Stomach	531-533
*Liver Disease & Cirrhosis	571

Causes of Death	ICD-9 Codes
*Nephritis & Nephrosis	580-589
*Complications of Pregnancy, Childbirth & Puerperium	630-676
*Congenital Anomalies	740-759
*Diseases of Early Infancy	760-779
Symptoms & Ill-Def. Cond.	780-799
All Other Diseases	Residual
*Accidental Deaths	800-949
Motor Vehicle	810-825
Other Accidental Deaths	800-807, 826-949
*Suicide	950-959
*Homicide & Legal Intervention	960-978
All Other External Causes	980-999

MEDICAL CONDITIONS ON BIRTH RECORDS

Table 5B presents selected medical conditions reported on the birth certificate by means of a check-off box system. Before 1989, medical conditions on the birth certificate were reported by open-ended questions. It is believed that the check-off box generally increases reporting. A study done by the Missouri Center for Health Statistics found that medical risk factors increased by 50 percent, labor or delivery by 30 percent, and congenital anomaly reporting nearly doubled in the first half of 1989 compared with 1988. See *Missouri Monthly Vital Statistics Report*, Nov. 1989, Vol. 23, No. 9 for more details.

ADDITIONAL DEFINITIONS

Apgar Score — An international code ranging from 0 to 10 used to measure the health of an infant at one minute and five minutes after birth. Items used to derive the score are heart rate, respiratory effort, muscle tone, reflex irritability and color. A score below eight implies a moderately or severely depressed conditon. The score used in Table 10 is taken at five minutes after birth. Caution should be used in interpreting patterns of low Apgar scores by area because of a possible subjective bias in assigning scores. Different medical personnel may assign different scores to the same child.

Birth Order — Number of previous pregnancies plus one.

Crown Heel — Length of the baby at birth in centimeters.

Fetal Death — Death taking place at 20 weeks gestation or later and before birth.

GT 15 Percent Underweight/GT 20 Percent Overweight — If the mother's prepregnancy weight is greater than 15 percent below or 20 percent above the desired weight for her height according to the 1959 Metropolitan Life Insurance tables.

Inadequate Prenatal Care — Fewer than five prenatal visits for pregnancies less than 37 weeks, fewer than eight visits for pregnancies 37 weeks or longer or care beginning after the first four months of pregnancy. Before 1982, records with unknown prenatal care or unknown length of pregnancy were excluded. Beginning in 1982, if adequacy of prenatal care could be determined even if length of pregnancy was unknown, then these records were included.

Infant Death — Baby dying during the first year of life.

Infant Transfer — Infant transferred to another facility after delivery.

Less than 37 Weeks' Gestation — Length of pregnancy less than 37 weeks based on date of last normal menses unless this calculation is less than 17 weeks, more than 44 weeks, or unknown. In these cases, the clinical estimate of gestation is used.

Live Birth Order — Number of previous babies born alive now living plus one.

Low Birth Weight — Less than 2500 grams or five and one-half pounds.

Maternal Death — Mother dying as a result of complications of pregnancy, childbirth and puerperium (ICD-9 codes 630-676).

Maternal Transfer — Mother transferred from another facility prior to delivery.

Natural Increase — Resident live births minus resident deaths.

Neonatal Death — Baby dying during first 27 days of life.

Out-of-Wedlock Birth — Birth involving mother who was unmarried at time of conception, at time of birth, and throughout time between conception and birth.

Perinatal Death — Fetal or neonatal death.

Postneonatal Death — Death occurring after 27th day of life and before one year.

Teen-age Pregnancy — Live birth, fetal death or abortion occurring to a woman under 20 years of age.

Additional information about the Missouri birth and death data systems may be found in *User Manual for Live Birth/Fetal Death Data System* — MCHS publication No. 4.15, *User Manual for Death Data System* — MCHS publication No. 4.18, and *Birth and Death Appendix Tables*, MCHS publication No. 4.16.

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